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Adaptive Technology Catalog

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Adaptive Technology

C A T A L O G

Tools for Survivors of Landmines
and Explosive Remnants of War



[Adaptive Technology Catalog]

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[Welcome]

What's the purpose of the *Adaptive Technology Catalog*?

By design, the purpose of this *Adaptive Technology Catalog* is to provide a resource for governments, survivor-assistance and other agencies to help victims of landmines and other explosive remnants of war (ERW) and other disabled workers get back to self-sufficiency and paid work.

Landmine and ERW injuries have a devastating impact on the economic security of individuals, families and communities. Most often, these circumstances exist in countries that lack the basic social welfare infrastructure that might otherwise keep this at-risk population from poverty.

Designing, developing and identifying simple and inexpensive tools and programs that assist with survivor work reintegration is a challenge with broad implications for the economic recovery of communities and nations as they emerge from conflict. The *Adaptive Technology Catalog* was created to offer information pertaining to both products that are readily available for use and those that may require some modification depending on intended usage. We expect this *Catalog* to be a resource for governments and organizations planning rehabilitation projects and those working in the field of survivors' assistance.

Although this is not an all-inclusive publication, we hope that you find the tools in it useful. It is not a comprehensive catalog by any means. There are certainly many more companies around the world that produce similar products or tools that are even more innovative and practical for the mine-affected population. We invite you to let us know about manufacturers and innovative tools you have created or found to help your survivors recover and reintegrate into society.

The following sectors have been included in the *Adaptive Technology Catalog*:

- Accessibility, mobility and personal care

- Automotive repair
- Communication, computer and office
- Construction and mechanical
- Crafts, hobbies and recreation
- Farming and agriculture
- Kitchen and restaurant

We've also included a **reference section** listing numerous books that will be helpful to you if you work directly with survivors. One such book, *Functional Restoration of Adults and Children with Upper Extremity Amputation*, is exceptional and we feel you should consider obtaining it. It covers surgery, prosthetics and occupational therapy, including checklists of daily living skills. It also addresses back-to-work issues.

Available in many languages, Healthwrights' *Disabled Village Children*, *Nothing About Us Without Us*, *Helping Health Workers Learn* and *Where There Is No Doctor* address health care, rehabilitation and community members working as a team in the poorest communities to help families make the adaptive items and to provide children and other disabled people barrier-free community access.

While researching these tools, we've found that the *Adaptive Technology Catalog* has also served as an issue awareness and marketing tool to companies in the disability, rehabilitation, agriculture and tool industry sectors. Many people in the representative manufacturing or distribution companies were unaware that their expertise and products could help serve this huge untapped market of persons living with disabilities to live a self-directed life and help them adapt their current abilities and occupations or explore new ones.

How can you use this information?

By working together we think those of you who work in governments, agencies and organizations can integrate and leverage resources across industry disciplines, and

the funders and producers of this publication would like to help you do this. The *Adaptive Technology Catalog* gives you the tools to either begin or improve your services to landmine survivors, thereby helping survivors become employable once again.

This catalog was not developed for direct purchase by individuals from the suppliers listed. Most of these manufacturers and distributors require orders for multiple tools before they will ship internationally; it would not be cost-effective for the company to ship one tool.

Instead, we suggest that you evaluate your survivors' needs, and page through this catalog to see what tools can help them get back to work. After determining how many of each item you need for this purpose, we encourage you to solicit funds from donors to purchase the items your survivors need.

Getting survivors back to work: We believe there is a need to develop a trades curriculum for injured workers using adaptive tools to marry job training, industry resources, and allied-health sectors with community and patient needs. However, the patients will need help to work with the tools. Occupational therapy in partnership with apprenticeships and skilled trade training programs can assure safety and progress in attaining the necessary skills for successful workplace reintegration. Therefore, we suggest that occupational therapists be integrated into each patient's reintegration plan.

This process may also encourage you to hire disabled workers who have been enabled with adaptive tools and training, while also supporting the development of prosthetists, orthotists, occupational therapists and trades specialists to support the workers.

The way forward: If you work for a survivor-assistance group, we suggest you work with similar organizations to solicit funds for specific tools and training needs. As you identify other tools that should be included in the next edition of the *Adaptive Technology Catalog*, we ask that you send us the tool picture, text description, price and supplier information so the tool(s) can be added to the database. We also believe this *Catalog* and database will provide disabled workers a conduit to selling and distributing tools they themselves develop for the mine action and rehabilita-

tion sectors, opening a vast area of job creation and access to external demand-driven markets.

What process was used to choose these tools?

After an extensive review of various horticultural therapy books and Purdue University's *Breaking New Ground Tool Box for Disabled Farmers and Ranchers*, complementary tools were chosen from a broad sector distributor and several specialty manufacturers located in the United States, Canada and United Kingdom. Instead of focusing on finding worldwide manufacturers, we chose to find a wide variety of tools to include in the *Catalog*. We know there are hundreds or thousands of products available from manufacturers around the world, and the plan is to add a wider array of manufacturers and products as time goes on.

Each tool was specifically chosen because it is required to complete a job or portions of jobs specified in the Information Management System for Mine Action (IMSMA®) *Questionnaire on Survivor's Needs Research for Social Reintegration and Rehabilitation* developed by the Azerbaijan Mine Action Centre. It informed an extensive checklist within the *Adaptive Technology Catalog* database structure to assess the need for a particular tool against each of these job sectors, and thus established a reality check of patient's true hopes for occupational reintegration within their society.

The *Adaptive Technology Catalog* includes a practical range of household, maintenance, gardening and fine carpentry woodworking tools for disabled craftsmen or hobbyists to learn or relearn skills while providing a core of "technical" expertise for mine-action rehabilitation workshops.

One tool supplier, Texas Assistive Devices, has numerous products included in the *Catalog*. We suggest that the 1/2-inch 20-thread adapter be ordered for those who need to use a particular tool but cannot afford the N-Abler II Terminal Device. The 1/2-inch 20-thread adapter is factory welded to the various Texas Assistive Devices tools and threads into the standard wrist unit of an arm prosthesis. This option, however, will restrict the amputee's flexibility and range of motion while using tools, and care must be taken to avoid injury.

In addition to the jobs normally performed **using** the

tools, disabled workers could learn how to modify tools found in their own communities with custom leverage grips and handles to sell directly to the mine-action and other disabled populations. In this way, tool modification itself could help to create a market niche that could bring needed currency into mine-affected communities.

Why were the specific industry sectors chosen?

Accessibility, Mobility & Personal Care: Accomplishing activities of daily living is key to a worker's independence and dignity. The tools in this section will help workers adjust to daily living tasks and get ready for work. Being able to do this will take the burden off their families/caregivers. Workplace reintegration depends on workers marketing their skills to potential employers and when hired, they must be able to access the workplace comfortably and safely. They can then focus on the productivity required to do their jobs.

Automotive Repair: Many of the disabled around the world have skills that could be used in automotive or small engine repair. Perhaps they were employed in this field before their accident or they have a natural mechanical adaptability and a combination of adaptive tools and training would make them employable in this field. Texas Assistive Devices provides some of the core tools required for an upper-extremity amputee to work on a car or truck. Note: Before proceeding, an upper-extremity amputee will need to consult with a prosthetist about the type of work he intends to do, whether the arm can be reinforced to prevent damage, safe methods of work to prevent personal injury and the added costs to expect if repairs to the prosthetic arm are required.

Communication, Computer & Office: The *Adaptive Technology Catalog* offers a unique range of tools for working in offices or with computers. There are one-handed keyboards and many other tools included in this section.

The Maltron keyboards are especially helpful for workers with computer programming, analysis skills, or office experience who have lost part or a whole arm. Training in office skills and computing using these keyboards could be offered to new workers entering the workforce. Workers' skills could be tested and they could be shown how to prepare a strong re-

sume using their test scores to market their abilities.

Construction & Mechanical: A literature review was conducted to pinpoint disabled accessibility, renovation and reconstruction problems. This resulted in the choice of Telpro Lifts for drywall, doors and cabinetry to help widen halls, doorways and to ensure kitchen and bathroom cabinetry are wheelchair accessible. Texas Assistive Devices provides many of the hand tools to get the job done.

Programs to teach construction skills or reconstruction and original design of barrier-free facilities would be useful to your mine-affected population. One idea you might want to implement is to create post-conflict reconstruction curriculum to teach workers step by step how to implement barrier-free design using tools specifically designed for each worker's disability as they work with an occupational therapist, rehabilitation workshop engineer or technical trades specialist, all of whom could be living with disabilities themselves.

Crafts, Hobbies & Recreation: Home-based handicrafts are often a strong source of income for a family in a developing world. The hands-free magnifier and embroidery hoop should prove helpful. The fishing gear adapted for wheel chairs and special fishing-pole holders will help those who feed their families by fishing as well.

Farming & Agriculture: The suppliers and the tools are important resources for injured workers as they rebuild the agricultural economic base of their communities. Besides the tools mentioned, Johnny's Selected Seeds also offers a wide range of agricultural planting and harvesting tools as well as an experienced staff conversant with growing regions, companion planting and specialty crops for family use and for selling.

The Breaking New Ground *Tool Box* offers a wealth of suggestions for designing, welding access modifications for tools and farming equipment. One of the most important resources, however, is the U.S. Department of Agriculture (USDA) Agrability program that advises on direct vocational-rehabilitation services to farming communities. Tapping into this organization by mine-action organizations could help you develop resource-rich experiences and opportunities for disabled workers. Purdue University's *Conducting*

Agricultural Worksite Assessments is a strategic tool that could help you work with country strategic plans, demined areas, agriculture and “excess” deminers who are transitioning into new types of work.

There are two tools that can specifically benefit a triple amputee. The Driving Ring, if operated by a left arm hook, and the Peddle Master System, if operated by the right hand, will allow a triple amputee to drive in those countries where driving on the right hand side of the road is the law.

Kitchen & Restaurant: There are many tools that can benefit an amputee working in a restaurant or home kitchen. For instance, Texas Assistive Devices offers a complete line of manual kitchen tools for the upper-extremity amputee.

Other Tools: There are many other tools available from the chosen manufacturers and distributors. This catalog focused on a small segment of the workforce; a quick review of the Web sites provided in the *Catalog* will help you find the right tools for your clients.

How long did it take to gather the research?

The core research was gathered over 11 months from September to July 2007. However, review began years earlier.

What should you do about feedback?

As you identify other tools that should be included in the *Catalog*, please contact the MAIC with your suggestions. An online database of such tools is planned for the future. Please send your suggestions to:

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Conclusion

Some patients will look to survivor-assistance and governmental agencies simply for tools to return to work that they were doing before they were injured.

Others will need special training in addition to specially adapted tools.

The products included in the *Adaptive Technology Catalog* will let them be machinists, homemakers, carpenters, farmers, restaurant workers or office employees. Some patients will be highly skilled while others will be completely destitute as a result of poly-trauma injuries. But what sets one patient apart from another with similar injuries is the patient’s inherent ability to be innovative. The *Adaptive Technology Catalog* provides the intellectual fodder for innovation and creativity.

[Background]

An Overview of the World: Industries by Region

An estimated 650 million people in the world suffer from some form of disability. This is roughly 10 percent of the world's population. Among these millions of disabled are the 300,000–400,000 people living with a landmine-related injury.¹ Eighty percent of these casualties involve civilians,¹ who are most often just going about their daily lives when they encounter a landmine. These casualties can result in disability or death and have a myriad of consequences for landmines survivors.

While many landmine accidents result in death, a number of those who survive landmine accidents must endure upper- or lower-extremity amputations. It is estimated that 20–30 percent of landmine survivors are amputees.² Landmines can also cause a loss of vision and other bodily harm due to projectiles resulting from the blast. While research to determine the prevalence of each type of injury has yet to be conducted, organizations and individuals from various regions of the world have noticed certain trends. A representative from the National Committee for Demining and Rehabilitation in Jordan said they have observed more cases of lower-extremity amputations resulting from mine accidents.

However, landmines are not the only conventional weapons of war that result in disabilities and/or amputations. Paul Heslop, a former member of the Sudan Mine Action Programme, noted that more accidents now involve unexploded ordnance rather than landmines, which is often due to tampering.³ UXO accidents typically result in upper-extremity amputation.

Injuries sustained from mine/UXO accidents can heal in a relatively short period of time, but the physical and emotional impact lasts much longer. Landmines are designed to maim victims and, for most soldiers and civilians, that ends up causing a lifetime of disability. After victims go through physical rehabilita-

tion, there are still numerous obstacles standing in the way of reintegration into their communities. Among those obstacles are discrimination and unemployment. As a result of this unemployment, disability has become intrinsically linked with poverty. Eighty percent of people with disabilities live in low-income countries and 82 percent of people with disabilities live below the poverty line.⁴

In many cases, people with disabilities find their place in the community again through socioeconomic reintegration programs. These programs are made possible through the work of international and non-governmental organizations, as well as governments. For socioeconomic reintegration programs to be successful they must attempt to find the best fit for every disabled individual.

This report examines socioeconomic reintegration and how it can be made more successful by taking into account a community's resources, in addition to an individual's skills and limitations. Adaptive technologies can make the boundaries of these limitations expand, and possibly even disappear. A number of mine-affected countries in five regions of the world are reviewed here, as well as the opportunities that could be available to people with disabilities—specifically landmine survivors and amputees—if they had the proper resources. These resources may include socioeconomic reintegration programs, training and/or adaptive technologies. The characteristics of certain countries in each region—landmine impact, climate, industries, agriculture, existing programs and projects—are discussed.

Industries and Agricultural Products: Taking into account prevalent industries and agricultural products within a region/country is a useful method for discovering employment and resource needs of a community. These can be valuable for job placement or for determining new opportunities to be found.

Each region in this report has a detailed list of the present industries and agricultural products, as well as clarification of which countries have a certain industry or product. These aspects of a region/country's economy play large parts in determining potential economic opportunities for those with disabilities. Every country or region must raise food to feed its citizens, and lack of tillable land invariably creates a poverty-stricken community. Common crops for each region are discussed below.

Socioeconomic Reintegration Programs and

Vocational Training: There are thousands of programs worldwide dedicated to helping those that are disabled and unemployed rediscover their place in a community. These programs are run by a number of organizations and governments.

The Ottawa Convention⁵ details the need for assistance of landmine survivors in Article 6. In Paragraph 3 of Article 6 requirements for socioeconomic reintegration are laid out:

“Each State Party in a position to do so shall provide assistance for the care and rehabilitation, and social and economic reintegration, of mine victims and for mine awareness programs. Such assistance may be provided, inter alia, through the United Nations system, international, regional or national organizations or institutions, the International Committee of the Red Cross, national Red Cross and Red Crescent societies and their International Federation, non-governmental organizations, or on a bilateral basis.”

The “101 Great Ideas for the Socio-Economic Reintegration of Mine Survivors”⁶ report classifies five types of socioeconomic reintegration. The five types are: individualized or small group micro-enterprise or micro-credit development, artisan or craft production, vocational training, job placement/job development and community integration.

Vocational training implies preparing people for work. For landmine survivors and others with disabilities this is the most widely used of the types of socioeconomic reintegration. Vocational training projects can differ in the classes and programs offered, however some employable skills are constant. Some of the most common focuses of vocational training are in agriculture, sewing/tailoring and mechanical skills. These skill sets readily

lend themselves to employment opportunities in many communities. Vocational training not only prepares individuals for job placement in established businesses, but skills learned can also be used for self-employment.

These programs are the first step to helping those around the world find steady employment, and ultimately create a healthy, happy life for the disabled and their families.

Asia

Asia is the largest continent in the world and covers about 30 percent of the Earth's landmass.⁷ Countries in this region that were looked at because of their mine/other explosive remnants of war (ERW) contamination are: Bangladesh, Burma/Myanmar, Cambodia, China, India, North Korea, South Korea, Kyrgyzstan, Laos, Nepal, Philippines, Sri Lanka, Tajikistan, Thailand, Vietnam and Yemen. The degree of contamination varies greatly. Cambodia is the country with the highest percentage of landmine-injured persons in the world,⁸ while Bangladesh has not had any reported landmine casualties since 2001.⁹ As classified by the Ottawa Convention, there are 24 State Parties “with a large number of mine survivors and with ‘the greatest responsibility to act, but also the greatest needs and expectations for assistance’.”¹⁰ The four countries present in this region are: Cambodia, Tajikistan, Thailand and Yemen.

Industries and Agriculture Products: The climates in this region are as diverse as the cultures and people that find a home here. All of these factors contribute to a varied economy with a range of industries and agricultural products.¹¹ The industries present in the most countries in this region are cement, textiles, food processing and mining.

Top 10 Industries in Asia

- Cement
- Textiles
- Mining
- Food processing
- Tourism
- Agricultural processing
- Consumer products
- Chemicals
- Petroleum
- Wood and wood products

The agricultural products grown in most countries are rice, sugarcane, fish, corn, cotton, cattle and tea. Many of these products are suitable for the tropical or temperate climate that covers most of this region.

Top 10 Agricultural Products in Asia

- Rice
- Sugarcane
- Fish and fish products
- Food processing
- Corn
- Cotton
- Cattle
- Tea
- Vegetables
- Potatoes

Rice is an annual plant that grows in submerged land in tropical, subtropical and temperate climates. About 50 percent of the world population depends on rice as a major food source.¹² Field preparation requires plowing, fertilizing and smoothing. China, India, Bangladesh and Thailand are four of the world's leading rice-producing countries.¹³

Asia is the largest producer of sugarcane, a tall grass crop native to tropical and subtropical climates. The crop is grown for its sweet sap, which is a source of sugar and molasses. Sugarcane requires about 60 inches of annual rainfall or irrigation and at least nine months to mature. Harvesting can be done manually or mechanically.¹⁴

Corn (also known as maize) is an annual grass crop that can grow as tall as 15 feet. The crop does best in warm soils and can be harvested manually or mechanically.¹⁵

Cotton is native to subtropical climates and is cultivated for its fibers which are used for fabrics. The crop can be harvested either manually or mechanically.¹⁶

Tea is an evergreen plant that grows in tropical and subtropical climates. Most tea plants have a growth period and a dormant period. Tea harvesting requires a lot of labor and can be exhausting.¹⁷

Socioeconomic Reintegration Programs and Vocational Training: Cambodia has the largest number of landmine victims and the largest number of these programs. The programs range from short-term vocational training sessions to long-term job placement programs. Some programs focus on establishing schools that provide vocational training in a wide variety of areas. For example, in Cambodia AAR-Japan founded the Kien Kheleang Vocational Training School that provides courses in TV repair, tailoring, barbering and computer skills. AAR-Japan opened a similar school in Burma/Myanmar called the Vocational Training Center for the Physically Disabled. This school offers courses in tailoring, business skills, hairdressing instruction and language courses.

In addition to vocational training schools, there are socioeconomic reintegration programs that focus on fighting poverty. The Poverty Alleviation through Community Empowerment Program in Cambodia provides vocational training and helps to identify vocations that are economically viable. Other programs enable landmine survivors to start their own businesses through grants and loans. In Vietnam, the Landmine Survivor's Network focuses on developing these businesses and offering start-up grants.

Africa

Many African countries face internal and regional conflict every day, making it difficult for progress in civilian safety to be achieved. Africa has the most mine-affected countries of all continents, and in many cases the fewest resources to deal with the problem. The information below is divided into two regions: northern and eastern Africa and southern and central Africa. Each country and region faces different challenges when it comes to mine action and meeting the needs of landmine survivors. In Africa, an estimated 12,000 people are killed, injured or disabled by landmines each year.¹⁸

Northern/Eastern Africa

This region of Africa includes the countries of Chad, Djibouti, Egypt, Eritrea, Ethiopia, Guinea-Bissau, Liberia, Libya, Mauritania, Senegal, Somalia, Sudan, Tunisia and Western Sahara. As classified by the Ottawa Convention, there are six countries in this region that are included in the 24 countries with the largest number of mine victims.¹⁰ These six countries are: Chad, Eritrea, Ethiopia, Guinea-Bissau, Senegal and Sudan.

In Chad alone, there are 487,540 people with a handicap, with 1,211 landmine/UXO survivors.¹⁸ The Sudanese government estimates that there are 70,000 amputees in their country as a result of landmine/UXO accidents.¹⁸ Paul Heslop, former member of the Sudan Mine Action Programme, noted that “most people [mine survivors] in Sudan don’t have a job now or before so they live off the lands or the aid dropped from big white planes with UN/WFP [World Food Programme] on the side.”³

Industries and Agricultural Products: In northern and eastern Africa the largest industries are textiles, cement and beverages.

Top 10 Industries in Northern/Eastern Africa

- Textiles
- Cement
- Beverages
- Mining
- Food processing
- Petroleum
- Handicrafts
- Construction materials
- Agricultural processing
- Oil

The climate in this region of Africa varies from desert to tropical. Tunisia and Libya differ from most of the region in that northern Tunisia is temperate and Libya is Mediterranean along the coast. In coastal countries tropical climates are dominant, while those countries further inland are part of the Sahara Desert. Agricultural products range from livestock to vegetables, and the most common products include: sheep, goats, corn, cotton, rice, fish, bananas and sorghum.

Top 10 Agricultural Products in Northern/Eastern Africa

- Animals (sheep, goats, camels, etc.)
- Vegetables
- Cotton
- Fruits
- Rice
- Sorghum
- Fish
- Peanuts
- Millet
- Manioc or cassava (tapioca)

To raise livestock such as sheep and goats, an adequate amount of land and food is needed. Sheep eat hay, grains and grasses, require fresh water and prefer moderate temperatures.¹⁹ Goats require fencing in many cases and large amounts of food.²⁰

Banana plants do well in humid, tropical climates like the coastal countries in this region. It takes 10 to 15 months for the first banana crop to ripen, and after that the crop is basically continuous. The banana plant is an herb that comes from an underground stem and becomes a false trunk that can grow up to 20 feet high. Each bunch that emerges consists of 50 to 150 fruits.²¹

Sorghum is a cereal grain with edible seeds that is resistant to drought and heat, making it perfect for the desert areas of this region. It can grow up to a height of 15 feet, but it generally does not exceed eight feet. Often, this grain is ground into a meal.²²

As noted earlier, rice and cotton are more suited to tropical and subtropical climates with an adequate amount of water. Also, corn/maize is cold-intolerant, but can be grown in temperate climates if planted early enough.

Socioeconomic Reintegration Programs and Vocational Training: Sudan leads this region in the number of projects and programs dedicated to helping landmine victims and other people with disabilities reintegrate into their communities. The Sudanese “Buildup Landmine Victim Capabilities” program creates job opportunities for victims. Vocational training and victim rehabilitation is available in Aweil, Barh Elarab and Aldamazin thanks to the Sudanese Agency for Mine Action and Development. This program also conducts public-awareness campaigns.

Other northern and eastern African countries have programs to help survivors as well. Eritrea’s Community-Based Rehabilitation, through the Ministry of Labour and Human Welfare, prioritizes fighting discrimination and also provides income-generation and sustainable livelihood programs. In Chad, a number of programs offer training to people with disabilities, including the Chad National Fund to Support Professional Training, Reintegration of Persons with Disability, Skills Training and Victim Rehabilitation and Promoting Women’s

Entrepreneurial Skills. In Sierra Leone, the Kabala Community Project on Access to Education and Economic Empowerment for Disabled People (in association with Leonard Cheshire International) provides education support and apprenticeships for young adults that provide vocational and skills training.

Southern/Central Africa

The southern and central region of Africa includes Angola, Burundi, the Democratic Republic of Congo, Malawi, Mozambique, Namibia, Rwanda, Uganda, Zambia and Zimbabwe. Angola, Burundi, the Democratic Republic of the Congo, Mozambique and Uganda are among the 24 States Parties with the largest number of mine victims.¹⁰ Angola has one of the two highest rates of amputees in the world.¹⁸

Industries and Agricultural Products: Cement, textiles, mining, beverages, chemicals (i.e., fertilizer, soap and paints) and food processing are the largest industries in this region of Africa.

Top 10 Industries in Southern/Central Africa

- Cement
- Textiles
- Mining
- Beverages
- Chemicals
- Tobacco products
- Food Processing
- Sugar
- Petroleum
- Fish processing

This region is mostly tropical and subtropical, with a few exceptions. The countries in the very southern part of Africa tend to be drier. Angola has a semiarid climate, Namibia is desert and Rwanda has a temperate climate. This variation affects the types of agriculture that can take place in each country. The top agricultural products in the region are livestock, including cattle, goats and pigs, and corn, tapioca, coffee, sugarcane, tea, cotton and tobacco.

Top 10 Agricultural Products in Southern/Central Africa

- Livestock
- Vegetables
- Corn

Sugarcane, corn, cotton and tea are appropriate for tropical and subtropical climates found in this region, such as in Mozambique and Uganda. It is possible for corn to be grown in the temperate climate of Rwanda.

Tapioca comes from the starchy root crop cassava, and can be referred to as manioc as well. It is a tropical plant that prefers plentiful rainfall, but can survive through periods of drought. Tapioca is a vegetable used as a thickener.²³

Certain types of coffee are well-suited for subtropical or equatorial regions.²⁴ The bean can be picked by hand, stripped from the tree or removed using a harvesting machine.²⁵

Tobacco production creates a large number of jobs in developing countries. The crop requires large numbers of employees to care for the fields. Tobacco plants grow from seedlings, which are often-times transplanted from other countries. In tropical climates, seeds need to be covered to prevent being disturbed by heavy rainfall.²⁶

- Tapioca
- Coffee
- Sugarcane
- Tea
- Tobacco
- Cotton
- Potatoes

Socioeconomic Reintegration Programs and Vocational Training: Goals of the projects and programs available in this region include vocational training, creating funds to allow for income-generating activities, micro-farming, starting self-help groups, making apprenticeships available and developing an entrepreneurial spirit. The help of nongovernmental organizations, international organizations and local associations of disabled people make these goals possible.

The Jaipur Limb Campaign started the Twendi (Let's Go) program in Angola in cooperation with the League for the Reintegration of Disabled People. This program trains people with disabilities in carpentry,

shoe making, setting up an agricultural co-op and animal breeding. The Micro-Farming Development in Cleared Lands project in Burundi trains and employs persons, helps them achieve local empowerment, emphasizes livelihoods rather than jobs, reduces local poverty and increases the financial and nutritional situation of the disabled. Some of the types of small-scale businesses disabled persons are opening are carpentry, bakeries and small stores. In Mozambique, the Vocational Training for People with Disabilities program is developing and supporting a program in information technology and computer literacy.

Middle East

The countries in this region that were examined include: Afghanistan, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Palestine and Syria. Afghanistan is the only country in this region considered to have one of the highest numbers of mine victims.¹⁰

In Afghanistan, over 2,000 communities are affected by landmines and other explosive remnants of war. According to the Landmine Monitor Report 2006, every month there are 70 to 100 new mine/ERW casualties.²⁷ Ongoing conflicts in countries throughout the Middle East, put civilians in great danger of contamination by new ERW and continuing effects from leftover and abandoned munitions.

Industries and Agricultural Products: The largest industries in the Middle East are textiles, cement, petroleum and food processing.

Top 10 Industries in Middle East

- Textiles
- Cement
- Petroleum
- Food processing
- Chemicals
- Construction materials
- Metal fabrication
- Phosphates
- Furniture
- Shoes

The climate in the Middle East is mostly arid and semi-arid, with the exception of Lebanon which has a Mediterranean climate. Mediterranean climates experience mild, wet winters and hot, dry summers. The

most common agricultural products are wheat, citrus fruits, cotton and vegetables.

Top 10 Agricultural Products in Middle East

- Wheat
- Fruits
- Cotton
- Vegetables
- Poultry
- Barley
- Dairy products
- Sheep
- Olives
- Nuts

Wheat is grown all over the world, as it can thrive in a wide range of soils. However, the crop does need at least 10 inches of annual rainfall. Manual harvesting methods are still widely used in developing countries.²⁸

Tropical and subtropical climates are good for cultivating cotton, but the crop can also find a home in arid and semi-arid climates.

Socioeconomic Reintegration Programs and Vocational Training: Afghanistan is responding well to its “greatest needs and expectations for assistance.” The country offers an assortment of programs, including the Bicycle Rehabilitation Program, which teaches men and boys with disabilities how to ride and repair bicycles. The same organization that conducts that program, the Afghan Amputees Bicyclists for Rehabilitation and Recreation, runs the Disabled Cyclist Messenger Service that has people with disabilities deliver parcels and food for businesses. The country is also home to more traditional programs focused on basic vocational training and social reintegration.

Iraq’s Kurdistan Organization for Rehabilitation of the Disabled runs a program that focuses on improving the welfare of those with lower-limb disabilities. Some other programs focus on geographic region as opposed to type of disability. The World Rehabilitation Fund runs a project called Expanding Economic Opportunities in the District of Jizzine in Lebanon. This project includes training landmine survivors in processing and marketing of honey, free-range eggs and medicinal herbs. In

Syria, the Ministry of Labor and Social Affairs opened a training center for the whole country. The center offers a number of services such as: a physiotherapy treatment, an association for people with visual impairment, an association for persons with disabilities, a technical committee of sports for people with disabilities and a mine-risk education committee.

Europe and the Caucasus

This region spans over 10 million square kilometers and includes the countries located around the Caucasus Mountains. Abkhazia (Georgia), Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Chechnya (Russian Federation), Croatia, Cyprus, Estonia, Greece, Kosovo, Latvia, Macedonia, Russia, Serbia, Turkey and Ukraine make up this vast region.²⁹ Albania, Bosnia and Herzegovina, Croatia and Serbia, which are all located in the southeastern region of the continent, are among the 24 States Parties with the most mine victims.¹⁰

Industries and Agricultural Products: The largest industries in Europe are textiles, metal, food, mining and extracting. The Caucasus shares similar industries, but also has a prevalence of chemicals and petroleum.

Top 10 Industries in Europe and the Caucasus

- Textiles
- Metal
- Food
- Chemicals
- Petroleum
- Mining
- Machinery
- Transport
- Electronics
- Paper

The climates in this region are Mediterranean, continental, maritime, temperate and dry. This region of the world is home to a plethora of agriculture products. Among the most popular are vegetables, dairy products, fruits, meat and livestock.

Top 10 Agricultural Products in Europe and the Caucasus

- Vegetables
- Dairy products

Beets do well when grown in deep, crumbly soils with high organic matter. Most often, beets are grown in temperate or cool climates or during cool seasons. The majority of beet types have a growing season that lasts eight to ten weeks, but for some types a growing season can last as many as 30 weeks.³⁰

Potatoes used to be restricted to cool climates, but now there is a plethora of varieties that can be grown all over the world. The crop thrives in moist, acidic soils.³¹

Grapes are a subtropical fruit that grow best in dry summer. This fruit does not flourish in regions with humid summers.³²

- Fruits
- Meat
- Livestock
- Grain
- Wheat
- Sunflower seed
- Olives
- Tobacco

Socioeconomic Reintegration Programs and Vocational Training: Societies and associations, as well as international and nongovernmental organizations, run programs and projects through Europe and the Caucasus region. The Croatian Mine Victims Association organizes workshops so participants can function better within the organization and increase their knowledge and self-confidence, which is transferable to other areas of their lives. In Chechnya, the All-Russian Society of the Disability and UNICEF offer training in sewing. Bosnia and Herzegovina have programs that offer start-up loans and grants, given by the Landmine Survivors Network, and computer courses for advanced software, offered by HOPE for Sarajevo.

South/Central America

This region includes the South American continent, which is the world's fourth largest continent,³³ as well as the countries in Central America. Central America is located between Mexico and South America and consists of six countries. The area of all six countries in Central America

is roughly equal to half the size of Colombia.³⁴ Colombia, El Salvador, Nicaragua and Peru are among the countries in the world that have the most mine victims.¹⁰ El Salvador and Nicaragua are both located in Central America. Chile and Ecuador are still considered mine-affected.

Industries and Agricultural Products: The industries that are most prevalent in this region are textiles, food processing, petroleum, and wood and wood products.

Top 10 Industries in South/Central America

- Textiles
- Food
- Petroleum
- Chemicals
- Wood and wood products
- Beverages
- Minerals
- Fish
- Cement
- Iron and steel

The climate in this region is mostly tropical. Tropical climates are prevalent in South America, but areas of temperate, arid and cold climates are present. Chile and the uplands of El Salvador are temperate, and the north of Chile and west of Peru are desert. Generally, corn, coffee, rice, sugarcane and dairy products are agricultural products found in most of these countries.

Top 10 Agricultural Products in South/Central America

- Vegetables (corn, potatoes, etc.)
- Coffee
- Fruit
- Beef
- Rice
- Sugarcane
- Dairy products
- Poultry
- Cotton
- Shrimp

Due to corn's cold intolerance, it is perfect for this mostly tropical region. Rice and sugarcane are easily grown in this type of climate. Also, certain types of coffee are well-suited for subtropical or equatorial regions.

Socioeconomic Reintegration Programs and Vocational Training: There are a limited number of vocational training and socioeconomic reintegration projects in Central and South America. In Nicaragua, Kitchen Gardens offers training in organic food production and small animal husbandry. Creating New Energy offers technical training for landmine survivors concerning solar energy. The Landmine Survivors Network operates an Economic Opportunity program in El Salvador where survivors are trained in small-business ownership, food kiosks, tailoring, shoe repair, bakeries, carpentry and bicycle repair.

Conclusions and Resources for Assistance

The Ottawa Convention has banned landmines, but the world is not any closer to achieving a ban on violence. As long as there is conflict and fighting, there will be weapons, and consequently, innocent civilian lives will be in danger. Working against this violence and working to heal the effects of it are interwoven, but require drastically different approaches.

Regions of the world differ in climate, political structure and development. However these regions do not seem so disparate when it comes to the needs of the disabled – specifically the needs of landmine survivors. Every year there are 18,000 new landmine casualties.¹ Many mine survivors live in rural areas and are faced with issues of unemployment and discrimination, as well as poverty and lack of access to necessary resources. In order to alleviate these burdens the disabled and landmine victims face, there is a need for the support of organizations, governments and other institutions. With the right technologies and the right training landmine victims and the disabled could find a way to seamlessly reintegrate into their community.

U.S. Government Programs: The United States has been involved in humanitarian mine action for many years. The U.S. government has founded several programs and projects in an attempt to ameliorate the effects of landmines and other explosive remnants of war. The U.S. Defense Security Cooperation Agency runs a number of programs that cover a wide range of aspects involved with humanitarian mine action. These include the Denton, Funded Transportation, Humanitarian and Civic Assistance and Excess Property Programs. The Denton Program lets the U.S. Department of Defense provide military transportation of privately donated

goods to foreign countries on a space-available basis. The Funded Transportation Project operates similarly to the Denton Program. This program gives the Department of Defense the permission to transport humanitarian assistance material and carry out other humanitarian assistance worldwide. Under the Humanitarian and Civic Assistance Program U.S. military forces are allowed to conduct humanitarian assistance projects and activities in foreign countries. These activities are carried out in conjunction with approved military operational deployment. Projects and activities can include medical, surgical, dental and veterinary care, construction of basic surface transport systems, well drilling and construction of sanitation facilities, basic construction and repair of public facilities, and other medical and engineering projects. The Excess Property Program deals with the availability, preparation and transport of non-lethal excess property to foreign countries when it is requested by the Combatant Commanders. The Department of Defense is in charge of these activities. Examples of excess property are clothing, furniture, school supplies, medical equipment, vehicles, tools and construction equipment.

Other U.S. government programs include the Department of Defense's Humanitarian Assistance and Humanitarian Demining Research and Development Programs, the Organization of American States Mine Action Program, USAID's Ocean Freight Reimbursement (OFR) Program and Leahy War Victims Fund, and the U.S. Humanitarian Mine Action Program managed by the Department of State's Office of Weapons Removal and Abatement in the Bureau of Political/Military Affairs (PM/WRA).

Industrial Design Schools: Industrial design schools are home to thousands of talented students who have the ability to develop new technologies to improve the lives of war victims. Amputees are often left in the cold after they have received a prosthetic limb. Adaptive technologies, in partnership with reintegration and vocational training programs, can assist amputees in securing a sustainable livelihood.

Industrial Design Schools in U.S. and Canada

Alabama

Auburn University
College of Industrial Design
Auburn, AL
<http://www.cadc.auburn.edu>

Arizona

Arizona State University
Department of Industrial Design
Tempe, AZ
<http://www.design.asu.edu/industrial/>

California

California College of the Arts
Oakland, CA
<http://www.cca.edu/>
California State University at Long Beach
Long Beach, CA
<http://www.csulb.edu/depts/design/>
San Francisco State University
Department of Design
San Francisco, CA
<http://design.sfsu.edu/>
Academy of Art University
Product & Industrial Design Department
San Francisco, CA
<http://www.academyart.edu/industrial-design-school/>
Art Center
College of Design
Pasadena, CA
<http://www.artcenter.edu/>
San Jose State University
Department of Design
San Jose, CA
<http://ad.sjsu.edu/>

Colorado

Art Institute of Colorado
Industrial Design Department
Denver, CO
<http://www.artinstitutes.edu/denver/>
Metropolitan State College of Denver
Denver, CO
<http://www.mcsd.edu/~ind/>

Connecticut

University of Bridgeport
Design Department
Bridgeport, CT
<http://www.bridgeport.edu/art>

Florida

Art Institute of Fort Lauderdale
Industrial Design Department
Fort Lauderdale, FL
<http://www.artinstitutes.edu/fortlauderdale/>

Georgia

Georgia Tech
Atlanta, GA
<http://www.coa.gatech.edu/id/>
Savannah College of Art & Design
Savannah, GA
<http://www.scad.edu/>

Illinois

University of Illinois–Chicago
School of Art and Design
Chicago, IL
http://www.uic.edu/aa/artd/ind_des.html
The School of the Art Institute of Chicago
Chicago, IL
http://www.saic.edu/degrees_resources/departments/aiado/index.html
Southern Illinois University
School of Art and Design
Carbondale, IL
<http://www.siu.edu/~inddesn/>
University of Illinois at Urbana-Champaign
School of Art and Design
Champaign, IL
<http://www.art.uiuc.edu/a+d/program/design/id/id.html>

Indiana

Purdue University
Division of Art and Design
Lafayette, IN
<http://www.cia.purdue.edu/ad>
University of Notre Dame
Department of Art, Art History, & Design
Notre Dame, IN
<http://www.nd.edu/~art/>

Kansas

University of Kansas
Lawrence, KS
<http://www.arts.ku.edu/dsgn/>

Louisiana

University of Louisiana at Lafayette
School of Architecture and Design
Lafayette, LA
<http://soad.louisiana.edu/>

Massachusetts

Massachusetts College of Art
Department of Environmental Design
Boston, MA
<http://www.massart.edu/indexF6.html>

Massachusetts Institute of Technology (MIT)
Division of Health Sciences & Technology
Cambridge, MA
<http://hst.mit.edu>

Wentworth Institute of Technology
Department of Design & Facilities
Boston, MA
<http://www.wit.edu/DF/index.html>

Michigan

University of Michigan
Ann Arbor, MI
<http://www.art-design.umich.edu/>
College for Creative Studies
Detroit, MI
<http://www.ccscad.edu/>
Western Michigan University
Department of Industrial Design
Kalamazoo, MI
<http://www.wmich.edu/indd/>
Cranbrook Academy of Art
Department of Industrial Design
Bloomfield Hills, MI
<http://www.cranbrook.edu>

New Jersey

Kean University
Industrial Design Program
Union, NJ
<http://www.kean.edu/~svpa/design/>
Montclair State University
School of the Arts
Upper Montclair, NJ
<http://www.montclair.edu/arts/nap/IndustrialDesign.html>

New York

Pratt Institute
Department of Industrial Design
Brooklyn, NY
<http://www.pratt.edu/ad/id/>
Parsons School of Design
New York, NY
<http://www.parsons.edu/departments/departments.aspx?dID=77&sdID=102&pType=1>
Rochester Institute of Technology
CIAS/School of Design
Department of Industrial Design
Rochester, NY
<http://www.rit.edu/~idesign/>

Syracuse University
Syracuse, NY
<http://vpa.syr.edu/index.cfm/page/industrial-and-interaction-design>

North Carolina

Appalachian State University
Industrial Design Program
Boone, NC
<http://www.tec.appstate.edu/>

North Carolina State University
Department of Industrial Design
Raleigh, NC
http://ncsudeSIGN.org/content/index.cfm/fuseaction/page/filename/industrial_design.html

Ohio

Columbus College of Art and Design
Columbus, OH
<http://www.ccad.edu>

Ohio State University–Main Campus
Columbus, OH
<http://design.osu.edu>

Cleveland Institute of Art
Cleveland, OH
<http://www.cia.edu>

University of Cincinnati
College of Design, Architecture,
Art, & Planning
Cincinnati, OH
<http://www.uc.edu/programs/viewprog.asp?progid=1056>

Oregon

Art Institute of Portland
Portland, OR
<http://www.artinstitutes.edu/portland>

Pennsylvania

Carnegie Mellon University
School of Design
Pittsburgh, PA
<http://www.design.cmu.edu>

Philadelphia University
School of Design and Media
Philadelphia, PA
<http://www.philau.edu/design/>

The University of The Arts
Industrial Design Department
Philadelphia, PA
<http://www.uarts.edu/>

Rhode Island

Rhode Island School of Design
Department of Industrial Design
Providence, RI
<http://www.risd.edu/industrial.cfm>

Utah

Brigham Young University
Industrial Design Department
Provo, UT
<http://www.et.byu.edu/id/>

Virginia

Virginia Tech
School of Architecture and Design
Blacksburg, VA
<http://www.archdesign.vt.edu/>

Washington

Western Washington University
Bellingham, WA
<http://www.wwu.edu/id/>

Wisconsin

Milwaukee Institute of Art and Design
Milwaukee, WI
<http://www.miad.edu>
University of Wisconsin
Stout Department of Art and Design
Menomonie, WI
<http://www.uwstout.edu/cas/artdes/>

Canada

University of Alberta
Edmonton, AB
<http://www.ualberta.ca/ARTDESIGN/ID.html>

University of Calgary
Calgary, AB
<http://www.ucalgary.ca/evds/programs/id/>

Carleton University
Ottawa, ON
<http://www.id.carleton.ca/>

Emily Carr Institute of Art & Design
Vancouver, BC
<http://www.eciad.bc.ca>

Ontario College of Art & Design
Toronto, ON
<http://www.ocad.on.ca>

University of Toronto
Toronto, ON
<http://www.mie.utoronto.ca>

Philanthropic Organizations: Philanthropy is defined as the act of donating money, goods, time or efforts to support a cause. There are thousands of philanthropic, or non-profit, organizations worldwide. A number of these organizations focus on working with landmine and other war victims. Organizations' work could center on supplying clean water to villages, or providing prosthetic limbs and other adaptive devices. The scope of work varies greatly organization-to-organization and region-to-region. However, the bottom line of every organization's mission is to alleviate some burden for those they are trying to assist.

A severe burden that faces disabled landmine victims is poverty due to unemployment. According to Grameen Bank, "Lasting peace can not be achieved unless large population groups find ways in which to break out of poverty."³⁶ Giving the 650 million disabled individuals through the world the means to get out of poverty and gain employment can have numerous positive effects. Hope is a powerful tool, and giving hope to the 650 millions of persons with disabilities will be contagious to the communities and environments that surround them. The disabled will feel better about themselves and their contributions to their families and the community, while they are also helping to improve the economic climate of the country.

For many organizations and programs, employment is the ultimate goal; However, emphasis should be placed upon helping people with disabilities achieve self-sufficiency and a degree of independence.

Through having a livelihood that results in the ability to support and provide for their family, persons with disabilities will live a more confident, happier and fulfilled life.

In developing countries, self-employment may be the only option for someone with a disability because of a lack of available employment in already established businesses.⁴ Many landmine victims live in rural areas and finding a way to a more developed area with businesses could be difficult, or impossible. Self-employment would let survivors find a niche within their own community that needs to be filled, while keeping them closer to their families. Self-employment requires a number of resources for persons with disabilities. An individual would need monetary support, training and, possibly, adaptive devices. The most popular funding mechanisms are micro-credit loans and grants.

Micro-Credit Loans: One way to help individuals start their own business is through micro-credit loans. The largest source of micro-credit loans for the poor is Grameen Bank. As of March 2007 Grameen Bank had over 7 million borrowers. Of those borrowers, 97 percent are women.³⁶ The system at Grameen Bank is based on mutual trust, accountability, participation and creativity. These micro-credit loans work because as individuals are given access to credit, they are able to recognize and engage in feasible income-generating activities. These activities will range based on each community's needs and the individual's training and skills. Examples of activities conducted by Grameen Bank borrowers are: pottery, weaving, garment sewing, lime-making and paddy husking.

Grants: Handicap International surveyed 107 organizations from 41 countries to learn more about funding mechanisms for self-employment of persons with disabilities in developing countries. Of these 107 organizations, 19 percent claimed they provide grants and 31 percent claimed to provide a combination of grants and loans.⁴

Grants have fewer eligibility requirements than micro-credit loans, but often those who receive grants have more urgent needs than starting a business, such as obtaining food and medicine for family members. There is also a risk with grants to reinforce the idea that those with disabilities need "charity."

Trickle Up is a U.S.-based organization that provides conditional start-up funds to help the impoverished improve their lives. From May 2006 to May 2007 Trickle Up assisted 10,286 businesses expand or start up. Trickle Up also provides business training and support services.

Training/Other Activities: A number of other actions must accompany a micro-credit loan or grant for it to be successful. Identifying viable economic opportunities is one of these activities. Knowing what is needed and wanted in a community can help with starting up a business, or making job placements. Economic opportunities can be discovered through looking at industries and agricultural products present in the specific region and country. Opportunities can be further narrowed down based on an individual's interest and skills.

Once an opportunity is found, vocational training can enable an individual to attain necessary skills and knowledge. However, vocational training is not the only training necessary to make the recipients of micro-credit loans and grants successful in starting up their own business. They will need to know and understand the fundamentals of the business they are entering, as well as how to manage money.

Countries have completed their landmine clearance obligations, and the first round of deadlines is fast approaching (2009). As mines around the world are cleared, the next step will be to look toward survivors and the process of getting their lives back on track. Anti-discrimination laws are attempting to ensure that disabled individuals around the world are being incorporated into the work force, but high unemployment rates in many countries makes this unlikely. Alternatives to traditional employment are needed and self-employment and entrepreneurship can be one of the solutions.

Facing the task of reintegrating landmine survivors is a necessary step, as newer methods of warfare are causing equally traumatic effects. Cluster munitions and other conventional weapons will yield a new round of victims. Establishing effective programs and projects will alleviate the burden newly disabled people will feel in coming years as they are faced with the issue of finding their place in the community.

Endnotes

1. "Landmine Facts." Landmine Survivors Network
2. E-mail interview with Mike Kendallen. 19 December 2006.
3. E-mail interview with Paul Heslop. 5 December 2006.
4. "Good Practices for the Economic Inclusion of People with Disabilities in Developing Countries: Funding Mechanisms for Self-Employment." Handicap International. August 2006.
5. Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Anti-personnel Mines and on Their Destruction, Oslo, Norway. 18 September 1997. <http://snipurl.com/ycr>. Accessed 10 May 2007. The document was opened for signature in Ottawa, Canada, 3 December 1997, and thus is commonly known as the Ottawa Convention.
6. "101 Great Ideas for the Socio-Economic Reintegration of Mine Survivors." Standing Tall Australia & Mines Action Canada. June 2005. <http://www.icbl.org/content/download/19502/381586/file/101%20GREAT%20IDEAS.pdf>. Accessed 10 May 2007.
7. Asia, World Atlas. <http://worldatlas.com/webimage/countrys/as.htm>. Accessed 10 May 2007.
8. "The PACE Project (Poverty Alleviation Through Community Empowerment)." The PACE Project – Cambodia – Poverty Alleviation. The McMahan Center. http://www.abilitiesactivists.bm/pages/cambodia_pace.html. Accessed 10 May 2007.
9. "Bangladesh." Landmine Monitor Report 2006. <http://www.icbl.org/lm/2006/bangladeshhtml#Heading79>. Accessed 10 May 2007.
10. UN, "Final Report, First Review Conference of the States Parties to the Convention on the Prohibition of the Use, Stockpiling, Production and Transfer of Anti-Personnel Mines and on Their Destruction," Nairobi, 29 November–3 December 2004, APLC/CONF/2004/5, 9 February 2005, p. 33.
11. All information in these tables was gathered from the CIA The World Factbook. This is available online at: <https://www.cia.gov/cia/publications/factbook/>. Accessed 10 May 2007.
12. "Rice." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-9063531>. Accessed 16 May 2007.
13. "Rice: Cultivation and Harvesting." Infoplease. <http://www.infoplease.com/ce6/sci/A0860730.html>. Accessed 10 May 2007.
14. "Sugarcane." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-9070184>. Accessed 16 May 2007.
15. "Corn." <http://www.geocities.com/Tokyo/Fuji/6650/index.html>. Accessed 16 May 2007.
16. "Cotton." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-9026524>. Accessed 16 May 2007.
17. "Tea Cultivation." Food-Info. <http://www.food-info.net/uk/products/tea/cultivation.htm>. Accessed 16 May 2007.
18. "Landmines in Africa." International Federation of Red Cross and Red Crescent Societies. <http://www.ifrc.org/WHAT/health/archi/fact/fmines.htm>. Accessed 14 May 2007.
19. "Sheep Husbandry." <http://www.answers.com/topic/sheep-husbandry>. Accessed 16 May 2007.
20. "Goat Care and Feeding." <http://goatseeker.com/guides/goat-care-and-feeding>. Accessed 16 May 2007.
21. "Banana." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-9012094>. Accessed 16 May 2007.
22. "Sorghum." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-9068752>. Accessed 16 May 2007.
23. "Tapioca." Food Market Exchange. http://www.foodmarketexchange.com/datacenter/product/feedstuff/tapioca/detail/dc_pi_ft_tapioca_01.htm. Accessed 16 May 2007.

24. "The Optimal Coffee Environment: Best Climate Conditions for Growing Coffee Beans." Coffee Research Institute. <http://www.coffeeresearch.org/agriculture/environment.htm>. Accessed 16 May 2007.
25. "Harvesting Coffee Beans." Coffee Research Institute. <http://www.coffeeresearch.org/agriculture/harvesting.htm>. Accessed 16 May 2007.
26. "Tobacco use in the workplace." International Labour Organization. <http://www.ilo.org/public/english/protection/safework/tobacco/encyclo/agr25ae.htm>. Accessed 16 May 2007.
27. "Afghanistan." Landmine Monitor Report 2006. <http://www.icbl.org/lm/2006/afghanistan.html#Heading64>. Accessed 16 May 2007.
28. "Cereal farming." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-67895>. Accessed 16 May 2007.
29. "Europe." <http://www.answers.com/topic/europe>. Accessed 17 May 2007.
30. "Beet." Encyclopædia Britannica. 2007. Britannica Concise Encyclopedia. <http://concise.britannica.com/ebc/article-9014114/beet>. Accessed 17 May 2007.
31. "Cultivation of the Potato." <http://www.npcspud.com/cultivation.htm>. Accessed 17 May 2007.
32. "Grape Basic." <http://www.pnbkrishi.com/grape.htm>. Accessed 17 May 2007.
33. "South America." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-9109561>. Accessed 17 May 2007.
34. "Central America." Encyclopædia Britannica. 2007. Encyclopædia Britannica Online. <http://search.eb.com/eb/article-9110092>. Accessed 17 May 2007.
35. "Grameen: Banking for the Poor." Grameen Bank Web site. <http://www.grameen-info.org/>. Accessed 17 May 2007.
36. "Trickle Up: The First Steps Out of Poverty." Trickle Up Web site. <http://www.trickleup.org/>. Accessed 17 May 2007.

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<http://www.AccessTR.com>

AgrAbility Project

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Cooperative Extension
460 Henry Mall
Madison, Wisconsin 53706 USA
(T) 866 259 6280
(T) 608 262 5166
<http://www.agrabilityproject.org>

AgroForestry Net, Inc.

a 501(c)(3) nonprofit
educational organization
PO Box 428
Holualoa, HI USA
(T) 808 324 4427
(F) 808 324 4129
email@agroforestry.net
<http://www.agroforestry.net>

Amazon.com

1200 12th Avenue
Seattle, WA 98144 USA
(T) +1 206 266 2950
(F) 206 694 2992
<http://www.amazon.com>

American Psychological Association

750 First Street, NE
Washington, DC 20002 USA
(T) 800 374 2721
(T) +1 202 336 5500
<http://www.apa.org>

Audiology Online, Inc.

5282 Medical Drive
Suite 150
San Antonio, TX 78229 USA
(T) 800 753 2160

(T) International: +1 210 615 6831
(F) 210 615 6832
<http://www.audiologyonline.com>

Breaking New Ground Resource Center, Purdue University

ABE Building
225 S University Street
West Lafayette, IN 47907 USA
(T) +1 765 494 5088
(T) 800 825 4264
(F) 765 496 1356
<http://www.breakingnewground.info>

Brookline Books

P.O Box 1047
Cambridge, MA 02238-1047 USA
(T) 1 800 666 BOOK
<http://www.brooklinebooks.com/>

California Agricultural Technology Institute California State University, Fresno

2910 E. Barstow Ave.
M/S 115
Fresno, CA 93740-8009 USA
(T) 559 278 2361
(F) 559 278 4849
<http://www.cati.csufresno.edu>

California Agriculture University of California

ANR Communication Services
6701 San Pablo Avenue
Oakland, CA 94607 USA
(T) 510 642 2431
(F) 510 643 5470
<http://repositories.cdlib.org/anrcs/californiaagriculture>

C.H. Hanson Company

2000 N. Aurora Road
Naperville, IL 60563 USA
(T) +1 630 848 2000
(T) 800 827 3398

(F) 630 848 2515
(F) 800 827 5834
<http://www.chhanson.com>

Chapters Indigo

468 King Street West
Suite 500
Toronto, ON M5V 1L8
(T) 800 832 7569
<http://www.chapters.indigo.ca>

Cornell University Soil Health Cornell University, Department of Horticulture

134A Plant Sciences Building
Ithaca, NY 14853 USA
hort@cornell.edu
(T) +1 607 255 4568
(T) +1 607 255 1789
(F) +1 607 255 9998
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<http://soilhealth.cals.cornell.edu/>

Demos Medical Publishing

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Suite 301
New York, NY 10016 USA
(T) 212 683 0072
(T) 800 532 8663
<http://www.demosmedpub.com>

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Bloomfield, CT 06002 USA
(T) +1 860 683 4442
(T) 888 940 0605
(F) 866 422 1150
info@dynamic-living.inc
<http://www.dynamic-living.com>

HealthWrights

PO Box 1344
Palo Alto, CA 94302 USA
(T) 650 325 7500
(F) 650 325 1080
healthwrights@igc.org
<http://healthwrights.org>

**Hosmer Dorrance Corporation
(a Fillaue Company)**

561 Division Street
Campbell, CA 95008 USA
(T) +1 408 379 5151
(T) 800 827 0070
(F) 408 379 5263
customerservice@hosmer.com
<http://www.hosmer.com>

Irrigation Association

6540 Arlington Boulevard
Falls Church, VA 22042 USA
(T) +1 703 536 7080
(F) +1 703 536 7019
<http://www.irrigation.org>

Johnny's Selected Seeds

955 Benton Avenue
Winslow, ME 04901-2601 USA
(T) 1 877 JOHNNYS
(564 6697)
(F) 1 800 738 6314
(F) International: 1 207 861 8363
<http://www.johnnyseeds.com>

Lee Valley Tools Ltd.

From USA:
PO Box 1780
Ogdensburg, NY 13669 USA
From Canada & International:
P.O. Box 6295, Station J
Ottawa, ON K2A 1T4
(T) USA: 1 800 871 8158
(T) Canada: 1 800 267 8767
(T) International: 1 613 596 0350
(F) USA: 1 800 513 7885
(F) Canada: 1 800 668 1807
(F) International: 1 613 596 6030
customerservice@leevalley.com
<http://www.leevalley.com>

**Maltron Keyboards,
PCD Maltron Ltd.**

Castlefields
Stafford
Staffs.
ST16 1BU UK
(T) UK: 0845 230 3265
(T) International:
+44 1785 785529
(F) UK: 0845 230 3266

sales@maltron.co.uk
<http://www.maltron.com>

Mobility International USA

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(F) 541 343 6812
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Telpro Inc.®

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telpromktg@telproinc.com
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MPT.html](http://members.aol.com/IMPT97/MPT.html)

TRS Inc.

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products/trs/](http://www.oandp.com/products/trs/)

[Disclaimer]

Warning! The tools and materials listed in this catalog may be dangerous if used or installed improperly. Please follow the manufacturers' directions, use caution, act safely and seek expert advice if you are uncertain about safe handling or use of any product.

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This catalog does not include every product or tool available for purchase. There are thousands more on the market. If you know of or produce a tool that you think would be especially helpful to landmine survivors, please write to us at:

Adaptive Technology Catalog
Mine Action Information Center
James Madison University
MSC 4018
Harrisonburg, VA 22807 USA

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[Accessibility, Mobility & Personal Care]



Clamp-It Hobby Vise, see page 33



**Hands Free Razor,
Hands Free Toothbrush and
Hands Free Hairbrush,
see page 29**



Hands Free Magnifier, see page 34

To order, see pages 24–25



Arthwriter® Holder (for Weak Grasp)
DL5311
US \$8.99 each

Designed for users with arthritis. The Arthwriter can accommodate any long object up to 3/4-inch in diameter including writing instruments, small tools, knitting needles, hobby brushes, grooming aids or toothbrushes. It can be used with the left or right hand, depending on hand impairment.

Weighs 2 ounces.

Available from Dynamic Living, Inc.
<http://www.dynamic-living.com/>



Hands Free
Tool Changing Station
RCH06-0N2
US \$697.75 each

The changing station allows an amputee to attach and unattach a tool easily from the Hands Free Locking or Swivel Shank. The base is 7-7/8 inches x 8 3/8 inches and the tool holders are 2 inches tall. The Hands Free Tool Changing Station can only be used with the Hands Free Shanks.

Hands
Free
Locking
Shank



Hands
Free
Locking
Swivel

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



1/2-inch 20-thread
Tool Shank Adapter
HS01-0N2
US \$80.00 each, \$20.00 if replacing
the Standard N-Abler™ Shank.

This small adapter offers function at the least cost. It is welded to the various Texas Assistive Devices tools, and then threaded into the wrist unit of an arm prosthesis. However, not utilizing the Texas Assistive Devices N-Abler II Terminal Device (US \$1,909.15) and Hands Free Locking Shanks and Swivel, will restrict the amputee's flexibility and range of motion while using tools.

When ordering Texas Assistive Devices tools, please determine the thread size of the amputee's wrist unit. The 1/2-inch 20 NF (national fine) threaded wrist unit is the common size. Metric wrist unit inserts and the Wentworth 3/8-inch thread from Britain may also be encountered through the donation of prosthetic components.

\$20.00 has been added to the price of each Texas Assistive Device tool in the Adaptive Technology Catalog to factory weld the 1/2-inch 20-thread Tool Shank Adapter to the tool.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



N-Abler II™ Terminal Device
TD-0N2
US \$1,909.15 each

The N-Abler II™ is the "Heart" of the N-Abler™ Tool and Implement System. With the capability to flex 60 degrees, the end user is able to maneuver tools into a safe comfortable position for use without distorting their body to do so. A real Frustration Factor Fixer!

Specifications:

- Material: 7075 Aircraft Aluminum Hard Anodized W/316
- Stainless Steel Hardware and Spring
- Weight: 114 grams
- Body Length: 3 inches
- Body Width: Tool Socket 1 inch - Body 1-3/8 inches
- Attach With: Stud W/ 1/2-inch 20-thread Tool Shank Adapter 1/2-inch Long
- Overall Length: Including Shank 4 inches

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24-25



Hands Free Hairbrush
HFHB01-0N2
US \$123.80 each

The round hairbrush attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



Hands Free Razor
HFR01-0N2
US \$123.80 each

The razor attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



Hands Free Toothbrush
HFTB01-0N2
US \$123.80 each

The toothbrush attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

All Hands Free tools available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



N-Abler III™ W.H.O. Soft Brace
with Quick Disconnect Palmer Unit
QDPU03-0N2
US \$371.59 each

The N-Abler III™ acts as the platform accepting the N-Abler II or the N-Abler IV allowing users with hand dysfunction or partial hand amputation the opportunity to use N-Abler custom tools and implements.

- Weight: 1 ounce.
- Body Length: At bottom 1-1/4 inches tapered at the rear at 45 degrees to 11/16-inch. The front face is at 90 degrees.
- Body Width: 1-1/4 inches.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Worley 180-degree Wrist Flexion Unit
W180WFU-0N2
US \$1,203.80 each

The N-Abler IV™ is designed to assist persons with hand disfunction and bilateral amputation. With the N-Abler IV capability to flex 180 degrees, and used in conjunction with the Hands Free Tool Changing Station, the end user is able to feed and groom himself with minimal assistance.

- Weight: 34 grams.
- Body Length: 2-3/16 inches.
- Body Width: Tool Socket 1 inch - Body 1-3/8 inches
- Attach with: Standard N-Abler Tool Shank 11/16-inch long

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25



**Retro Tool
RT01-0N2
US \$601.24 each**

The Retro Tool is designed to allow others to use the tools customized for the amputee.

- Weight: 4-3/5 ounces
- Body Length: 4-1/8 inches
- Body Width: Tool Socket 1 inch,
Body 1-3/8 inches

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**Button Hook
DL2340
US \$10.99 each**

This easy-to-use hook can be used to work with buttons or pull zippers. It is a useful aid for one-handed users or users with limited hand strength.

Available from Dynamic Living, Inc.
<http://www.dynamic-living.com/>



**Food Preparation Center and Plate
DL3350
US \$34.99 each**

The EZ Dine can be used as both a preparation board as well as a non-slip dinner plate that is useful for single-handed individuals. It measures 12 inches by 8 inches and has non-skid feet that prevent the plate from moving. It includes a food stop to help pick up food and 6 stainless steel food prongs to hold meat, fruits, and vegetables in place, making them easier to cut.

Available from Dynamic Living, Inc.
<http://www.dynamic-living.com/>



**Replacement Grip 3 Fingers
US \$100.00–\$200 each**

Replacement fingers are available in the standard TRS Tan color and Stealth Black. The new design improves upon the gripping control areas for handling narrow implements, writing instruments and utensils. Raised gripping bars improve rotational holding control and handling. The replacement fingers will fit accurately into any Grip 3 model.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>



**Free Flex
US \$300.00–\$600.00 each**

The realistic anatomical features of this prosthetic hand are molded into a smooth, scoop-shaped, volar (palmar) surface and made of strong, flexible, polyurethane elastomer. The Free-Flex device extends, flexes and absorbs shock under external force, then rebounds to its original shape using stored energy. No cable required. 1/2-inch diameter threaded stud fits any USA-made wrist unit.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>

To order, see pages 24–25



**Miscellaneous
Implement Holder
MIH05-0N2
US \$121.67 each**

Made of high-density polyethylene and 3/8-inch 316 stainless steel tubing, the implement holder grips small items such as pens, pencils and toothbrushes. It attaches using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

Adept Prehensor F3 (AD F3)
Adept Prehensor E4 (AD E4)
\$560.00-\$1,120.00 each
Adept Prehensor C2 (AD C2)
Adept Prehensor B1 (AD B1)
US \$600.00-\$1,200.00 each



Adult Grip Prehensors:
Grip 2SS standard titanium
side plates (GP 2 S00)
Grip 2SSS heat treated
stainless steel side plates
(GP 2 SSS)
Grip 3 titanium side plates
(STG 3 00R)
US \$875.00-\$1,970.00 each



These prehensors feature 1/2-inch diameter threaded studs that fit any USA-made wrist units. They include a voluntary closing design with a gripping force exceeding 100 pounds.

With these prehensors, users can complete delicate work as well as heavy lifting. Users can slice a tomato, peel a banana, use a hammer, use a wrench, lift heavy weights, shoot a bow and more.

Accessories include a standard Triple Swivel and a Cable Cleat System. Replacement Grip 3 Fingers are also available.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>

Adult Grip Prehensor
3 Locking Pin
AL PIN 3
US \$15.00-\$30.00 each

This stainless steel pin features a ball detent and a 1-inch diameter finger ring to be used with modified Grip Prehensors.

With this pin, prehensor users can lift heavy objects and participate in activities such as archery.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>

These lightweight prehensors feature an award-winning sculptured shape and a 1/2-inch diameter threaded stud that fits any USA-made wrist units. They operate using a voluntary-closing (pull to close) cable to promote active muscle use and sensory feedback. They include replaceable thumb sleeves and accessories such as the Adept Cable Adapter and, if applicable, the Cable Cleat System.

Children wearing Adept Prehensors are capable of stronger grips than their natural hands. This advantage allows them to be more competitive with peers, because they can create as little or as much gripping force as they need for an activity. They can pull themselves up, swing, climb, ride a bike, assemble models, sew, draw, tie sneakers, lace skates, swing a bat, fish and sail with their peers.

Color (all models): Tan (T), Medium Brown (MB), Dark (DK)

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>

To order, see pages 24-25



**ChatterVox Voice Amplifier
(Headset or Collar Mic)
Headset Mic DL1090
Collar Mic DL1094
US \$219.00 each**

ChatterVox is a compact personal voice-amplification system for people with low-volume speech. It is helpful for users with vocal impairments due to landmine injuries, Parkinson's, multiple sclerosis and other conditions that cause a strain on the larynx. The ChatterVox is also ideal for professionals who place heavy demands on their voices, including teachers, trainers and trade-show presenters.

With the adjustable microphone worn comfortably and discreetly over the ear or on the collar, the unit can amplify the voice by 15 decibels. The unit can be worn on the waist and weighs 2 pounds with batteries. The device has a 5-watt audio output and measures 8 inches x 2-9/10 inches x 2-1/10 inches. Rechargeable battery and charger included. One-year warranty for parts and labor on amplifier; 90-day warranty on batteries and microphone.

Note: Individuals with pacemakers should be aware that the Amplifier contains a small magnet.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>

carpal tunnel syndrome, repetitive stress injuries and cumulative trauma disorders sustained in the workplace or in recreational environments. It does not cut off circulation, hamper movement or cause uncomfortable swelling and can be worn for long periods of time on the right or left arm. One size fits most, washable.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>

**Clarity PL100 Personal Listener
& Sound Amplifier
DL1164
US \$129.99 each**



Ideal for individuals with slight hearing loss, this portable personal amplifier increases sound while filtering out annoying background noise, making it easier to hear sounds up to 40 decibels. The lightweight "ear hook" style headset adjusts to fit the left or right ear and the adjustable tone control filters out feedback and other distracting background noise. The Personal Listener and Sound Amplifier features a detachable omni-directional microphone that is ideal for group settings and a 12-foot extension cord that allows the user to place the microphone next to the sound source for optimal performance. Weighs 3 ounces and measures 4-1/2 inches long x 2 inches wide x 1/2-inch deep.

Includes:

- Battery charger
- 2 rechargeable AAA NiMH batteries
- Carrying case with belt loop
- Manufacturer's one-year limited warranty

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>

**BANDIT® Therapeutic
Forearm Band
US \$22.50 each**



The BANDIT® is a therapeutic forearm band system for relieving and preventing elbow tendonitis and similar forearm stress syndromes. It can provide relief and prevention of pain associated with tendonitis, tennis elbow,



To order, see pages 24–25



Peddle Master System
PMS98
US \$365.00 each

The Peddle Master System helps users who wish to drive but do not have hand controls in their vehicles. It can be used with most vehicles with automatic transmissions and power brakes. The Peddle Master is portable and can be installed and removed quickly without tools. The System includes a carrying case.

Available from: Access to Recreation, Inc.

<http://www.AccessTR.com/>



Driving Ring
56394
US \$267.00 each

The Hosmer® Driving Ring attaches quickly and easily to automobile steering wheels, boat tillers and aircraft controls.

Available from:

Hosmer Dorrance (a Fillauer Company)

<http://www.hosmer.com>



E-Z Reacher Aluminum
NC285551
US \$29.95 each

Flexible aluminum tongs with suction cups hold items securely. Ideal for either one- or two-handed use, the E-Z Reachers have round rubber cups that grasp items with a powerful, steady hold. Constructed of lightweight aluminum with a spring steel mechanism for heavy-duty use. The handle is comfortable to hold and has an easy-to-operate trigger. Grasps items weighing up to 2 pounds. The jaws open to 3-1/2 inches wide.

Item NC285551 is a locking model that maintains a hold on items without constant trigger pressure, it has a reach of 30 inches.

Pull down the lever of the Locking E-Z Reacher to keep the jaws locked. Release the lock by fully retracting the trigger and lifting the lever up.

Available from:

Access to Recreation, Inc.
<http://www.AccessTR.com/>



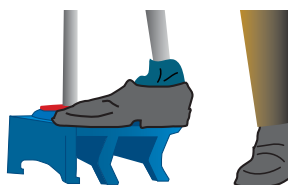
Clamp-It Hobby Vise
DL5161
US \$29.99 each

Clamp-It is an adjustable clamping device that can be used to hold items in fixed positions.

This useful tool can hold small implements, knitting needles, and crochet hooks. Clamp-It is mounted on four suction cups for extra stability. The clamp bar can be used vertically or horizontally with a maximum holding width of 1 inch.

Available from: Dynamic Living, Inc.

<http://www.dynamic-living.com/>



Pilot™ Step-Up Quad Cane
DL2337
US \$69.99 each

The cane features a retractable platform, helping the user climb stairs in smaller, half steps. Its base measures 7-3/4 inches x 6-1/2 inches and has four skid resistant feet. The 3 pound cane also includes a fold-out extension, increasing the width of the base by 3 inches. It features 2 adjustable, ergonomic handles. The lower handle is 21–30 inches high and is designed to help the user rise from a seated position. The top handle is 28–37 inches high and has a small built-in hook for hanging the cane when it's not in use. The cane's height is adjustable from 28–37 inches high. Weight capacity: 250 pounds. Includes a 10-year manufacturer's limited warranty.

Available from: Dynamic Living, Inc.

<http://www.dynamic-living.com/>

To order, see pages 24–25



**Steerable Rolling Seat
with Tool Tray
PS210
US \$74.50 each**

The comfortable metal tractor-style seat is adjustable from 17 inches to 20 inches high and swivels 360 degrees so the user can position his body comfortably while traveling, working in a garden, or working on an automobile. The rolling base, constructed of 1-inch diameter powder-coated steel tubing, has four wide pneumatic tires that move easily through soil without sinking. It includes an under-seat poly tool tray and a rear storage basket to keep supplies and tools within reach. This rolling seat is also useful for low-to-the-ground chores such as washing cars and painting. Measures 31 inches long by 18 inches wide and weighs 35 pounds. Some assembly required.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



**Hands Free Magnifier
DL5170
US \$9.99 each**

This light-weight, hands-free magnifier is designed to be worn around the neck to help users work on small projects and close work. The 4-inch lens magnifies 3 times. It has a 1-inch super magnifying dot for detail work. The lens frame is clear Lucite with rubber bumpers for extra comfort.

Available from:
Dynamic Living, Inc.
<http://www.dynamic-living.com/>

**Reachers Featherlite Regular
26-inch NC28521
US \$15.95 each**

**Reachers Featherlite Long
32-inch NC28522
US \$16.95 each**

This tool is a useful solution for people who need an extended reach. Use one finger to pull the trigger on this lightweight, Featherlite Reacher. The magnet on the jaw tip is useful for picking up small metal objects. This aluminum-frame reacher is ideal for holding lightweight objects up to 3 inches wide and weighing up to 3 pounds.

Available from: Access To Recreation, Inc..
<http://www.AccessTR.com>

To order, see pages



[Automotive Repair]



Steerable Rolling Seat with Tool Tray,
see page 39



14-piece Box-end Wrench Set
(Standard & Metric)



14-piece Open-end Wrench Set
(Standard & Metric), see page 37



Finger Wrench, see page 41



Peddle Master System,
see page 41

To order, see pages 24–25

Manufactured by Vice Grip® this set of pliers includes a 5-inch curve jaw, 6-inch needle nose, and a 7-inch curve jaw. They attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

Locking Grip Pliers Set
LGPS04-0N2
US \$322.63 each



1/2-inch 20-thread
Tool Shank Adapter
HS01-0N2

US \$80.00 each,
\$20.00 if replacing the
Standard N-Abler™ Shank



Locking Grip C Clamp
LGCC01-0N2
US \$107.33 each



This small adapter offers function at the least cost. It is welded to the various Texas Assistive Devices tools, and then threaded into the wrist unit of an arm prosthesis. However, not utilizing the Texas Assistive Devices N-Abler II Terminal Device (US \$1,909.15) and Hands Free Locking Shanks and Swivel, will restrict the amputee's flexibility and range of motion while using tools.

When ordering Texas Assistive Devices tools, please determine the thread size of the amputee's wrist unit. The 1/2-inch 20 NF (national fine) threaded wrist unit is the common size. Metric wrist unit inserts and the Wentworth 3/8-inch thread from Britain may also be encountered through the donation of prosthetic components.

\$20.00 has been added to the price of each Texas Assistive Device tool in the Adaptive Technology Catalog to factory weld the 1/2-inch 20-thread Tool Shank Adapter to the tool.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

Used primarily for welding, auto body, and metal fabrication, the Locking Grip C Clamp is 2 inches. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Hands Free Magnifier
DL5170
US \$9.99 each

This light-weight, hands-free magnifier is designed to be worn around the neck to help users work on small projects and close work. The 4-inch lens magnifies 3 times. It has a 1-inch super magnifying dot for detail work. The lens frame is clear Lucite with rubber bumpers for extra comfort.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>



Cam Clamp Mechanism 1/4-20
05J51.01
US \$4.40 each

This cam clamp can exert as much as 400 pounds of force using only a thumb and forefinger to operate the handle for clamping and releasing jigs and fixtures, and when doing repetitive work. The 1/4-20 cam clamp with a 3-inch long cast aluminum handle is suitable for most clamping applications. The steel cross-dowel nut can be used with any 1/4-20 fastener. The clamp includes 2 washers of different thickness so the user can choose lever orientation without affecting clamping force.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com/>

To order, see pages 24–25



**14-piece Box-end Standard Wrench Set
BESS15-0N2**

US \$1,151.36 each

These chrome vanadium, Craftsman® wrenches are available in a 14-piece set. The set includes wrenches in the following sizes: 1/4-inch, 5/16-inch, 11/32-inch, 3/8-inch, 7/16-inch, 1/2-inch, 9/16-inch, 5/8-inch, 11/16-inch, 3/4-inch, 13/16-inch, 7/8-inch, 15/16-inch, and 1-inch.

**14-piece Box-end Metric Wrench Set
BEMS15-0N2**

US \$1,151.36 each

These chrome vanadium, Craftsman® wrenches are available in a 14-piece set. The set includes wrenches in the following sizes: 6-millimeter, 7-millimeter, 8-millimeter, 9-millimeter, 10-millimeter, 11-millimeter, 12-millimeter, 13-millimeter, 14-millimeter, 15-millimeter, 16-millimeter, 17-millimeter, 18-millimeter, and 19-millimeter.



**14-piece Open-end Standard Wrench Set
OESS15-0N2**

US \$1,151.36 each

**14-piece Open-end Metric Wrench Set
OEMS15-0N2**

US \$1,151.36 each

**All Wrench Sets Available from:
Texas Assistive Devices, L.L.C.**

<http://www.n-abler.org/>

The wrench sets attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



**Adjustable
Wrench Set
AWS04-0N2
US \$324.03 each**

These chrome vanadium Husky® adjustable wrenches are available in a 3-piece set. The set includes wrenches in the following sizes: 6 inches, 8 inches and 10 inches.



**Slotted
Screwdriver Set
SSS04-0N2
US \$285.73 each**

These carbon steel Enderes® slotted screwdrivers are available in a 3-piece set. The set includes screwdrivers in the following sizes: No.1, No.2 and No.3.

**Wrench Set and Screwdriver Set available from:
Texas Assistive Devices, L.L.C.**

<http://www.n-abler.org/>

The Adjustable Wrench Set and the Slotted Screwdriver Set attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the type of wrist unit thread the patient uses, either the 1/2-inch 20 NF (national fine) threaded wrist unit, metric, or Wentworth 3/8-inch thread.



**Universal Thread Restorer
27K08.06
US \$24.50 each**

The patented yet simple design of the thread restorer allows the hardened steel cutters to adjust to any size, pitch or direction of thread — Imperial or metric from 5/32-inch to 1/2-inch.

Attached behind the damaged area, the tool is rotated along the length of the threads from the inside out, cleaning unwanted deposits (accumulated dirt, rust, paint, etc.) at the same time as it reshapes any damaged portions.

A highly useful tool. Great for repairing fixed bolts on bikes, machinery, automobiles, etc.

**Available from: Lee Valley Tools, Ltd.
<http://www.leevalley.com>**

To order, see pages 24–25



**All-purpose
Quick Grip Adapter**
APQGA01-0N2
US \$106.94 each

threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>



**Passive Hook
Heavy Duty**
PH02-0N2
US \$325.00 each

The Passive Hook Heavy Duty is designed to assist the upper extremity amputee to work out on exercise machines, but it is sturdy and can be used to lift most heavy items. The hook is made of plastic coated 1/2-inch 316 stainless steel bar. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool

Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>



Machine Screw Gauge
Imperial: 99K08.11
US \$14.50 each
Metric: 99K08.12
US \$15.50 each

This steel gauge is a quick all-in-one reference for identifying screw diameter, length and thread, tap drill size, and through-hole drill clearance size. Each reference hole is precisely tapped for direct screw threading to ensure proper identification.

The Imperial version gauges common fastener sizes from #1 through 5/16-inch, and threads per inch from 72 to 18; the metric version measures diameter from M2 to M7 and pitch from 0.25 to 1.00. A useful tool for quickly identifying threaded fasteners, wood screws and tapping screws, it includes instructions and a handy decimal equivalent chart.

Available from: Lee Valley Tools, Ltd.

<http://www.leevalley.com>



Magnifier Tweezers
86K98.05
US \$6.50 each

Great for picking up small items, like bolts or screws. The hinged joint allows you to adjust the magnification as necessary. This tool may also be used in the garden, workshop or when doing crafts. Made of stainless steel, with a quartz glass lens. 3-1/2 inches long.

Available from:

Lee Valley Tools Ltd.

<http://www.leevalley.com/>



**Hands Free
Tool Changing
Station**
RCH06-0N2
US \$697.75 each

The changing station allows an amputee to attach and unattach a tool easily from the Hands Free Locking or Swivel Shank. The base is 7-7/8 inches x 8-3/8 inches and the tool holders are 2 inches tall. The Hands Free Tool Changing Station can only be used with the Hands Free Shanks.

**Hands
Free
Locking
Shank**



**Hands
Free
Locking
Swivel**



Available from:

Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>

To order, see pages 24-25

The 1-inch carbon steel exacto knife attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

Exacto Knife
EK01-0N2
US \$97.33 each



Ratchet Set
RWS04-0N2
US \$396.37 each

This 3-piece chrome vanadium set includes 1/4-inch, 3/8-inch, & 1/2-inch drives. The Ratchet Set attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Small Chuck Ratchet Key up to 3/8 inch
18J08.01
US \$6.95 each

With an overall length of 4 inches, this key is easy to hold. The ratcheting head allows you to keep your knuckles clear of the toothed chuck collar. Use one side to tighten, the other to release. The key works for chucks up to 3/8-inch capacity.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Steerable Rolling Seat
with Tool Tray
PS210
US \$74.50 each

The comfortable metal tractor-style seat is adjustable from 17 inches to 20 inches high and swivels 360 degrees so the user can position his body comfortably while traveling, working in a garden or working on an automobile. The rolling base, constructed of 1 inch diameter powder-coated steel tubing, has four wide pneumatic tires that move easily through soil without sinking. It includes an under-seat poly tool tray and a rear storage basket to keep supplies and tools within reach. This rolling seat is also useful for low-to-the-ground chores such as washing cars and painting. Measures 31 inches long by 18 inches wide and weighs 35 pounds. Some assembly required.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

To order, see pages 24–25



**Dual Vacuum
Cup Lifter**
88K17.02
US \$28.50 each

This vacuum-cup lifter is handy for a number of applications. Especially useful in the shop for moving laminated sheets or transferring tools; it can also be used for lifting sheet metal, glass, ceramic and marble slabs, as well as filing cabinets and some furniture.

Made from lightweight cast aluminum, the versatile 13-inch long lifter features two 4-1/2 inches diameter cups and is capable of holding material weighing up to 175 pounds in both horizontal- and vertical-mount applications.

Weighs just under 2 pounds.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

Center Punch
CP01-0N2
US \$90.67 each



This 7/16-inch center punch is made of heat treated carbon steel. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Ball Peen Hammer
4-ounce
BPH03-0N2
US \$110.83 each



Ball Peen Hammer
8-ounce
BPH02-0N2
US \$110.57 each

Hammers available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The 4-ounce and 8-ounce Ball Peen Hammers attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Tool Cradle
TC05-0N2
US \$145.44 each



Originally designed to support rifles and shotguns, this tool cradle can be used to support most heavy or long tools. It is made of stainless steel tubing coated in Performix rubber and attaches using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Handicap Symbol Stencil
12438 (shipped in case pack)
US \$33.90 each

The Handicap Symbol Stencil is used to promote safety and enhance traffic flow.

Made of sturdy .015 inch PVC plastic, the stencil features a large, easy to read symbol. Symbol measures 43 inches high and is reusable. Cleans up with solvent or soap and water.

- Freight Terms: FOB Naperville, IL Freight Collect
- Minimum Order: \$400.00; must order in case pack.
- Payment Terms: Wire Transfer

Available from: C.H. Hanson Co.
<http://www.chhanson.com/>

To order, see pages 24–25



**Retro Tool
RT01-0N2
US \$601.24 each**

The Retro Tool is designed to allow others to use the tools customized for the amputee.

- Weight: 4-3/5 ounces
- Body Length: 4-1/8 inches
- Body Width: Tool Socket 1 inch, Body 1-3/8 inches

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

**Finger Wrench
25K11.03
US \$3.50 each**



Use this wrench to tighten small nuts or bolts in awkward places. Finger pressure holds the nut or bolt in the wrench, while the raised, tapered slot prevents it from turning. Made from high-impact ABS, the sleeve adjusts to fit any size finger. Holds all nuts up to 1/2-inch.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

**Driving Ring
56394
US \$267.00 each**



The Hosmer® Driving Ring attaches quickly and easily to automobile steering wheels, boat tillers and aircraft controls.

Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

**Claw Hammer 7-ounce
CH05-0N2
US \$109.17 each**



The 7-ounce claw hammer is made of drop-forged carbon steel.

**Rip Claw Hammer
10-ounce
RCH07-0N2
US \$129.87 each**



The 10-ounce hammer is made of drop forged carbon steel.

**Both Hammers available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

The Claw Hammer 7-ounce and the Rip Claw Hammer 10-ounce attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



**Peddle Master System
PMS98
US \$365.00 each**

The Peddle Master System helps users who wish to drive but do not have hand controls in their vehicles. It can be used with most vehicles with automatic transmissions and power brakes. The Peddle Master is portable and can be installed and removed quickly without tools. The System includes a carrying case.

Available from: Access to Recreation, Inc.
<http://www.AccessTR.com/>

To order, see pages 24–25

Hack Saw
HS06-0N2
US \$104.13 each



Mini Hack Saw
MHS07-0N2
US \$97.33 each



Hack Saw and Mini Hack Saw available from:
Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>

The Craftsman Hack Saw and Mini Hack Saw attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

File Set
FS05-0N2
US \$352.57 each



This Cooper Tools® by Nicholson four piece file set is made of hardened carbon steel. Files are 8 inches.

Mini File Set
HFS08-0N2
US \$303.97 each



The 7-piece file set is made of hardened carbon steel. Files are 3-1/2 inches long.

File Set and Mini File Set available from:
Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>

The File Set and Mini File Set attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

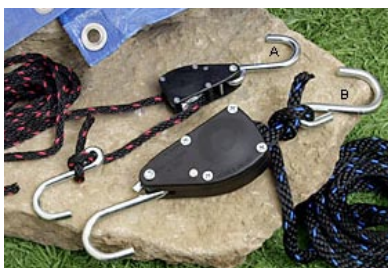


Clamp-It Hobby Vise
DL5161
US \$29.99 each



Clamp-It is an adjustable clamping device that can be used to hold items in fixed positions. This useful tool can hold small implements, knitting needles, and crochet hooks. Clamp-It is mounted on four suction cups for extra stability. The clamp bar can be used vertically or horizontally with a maximum holding width of 1 inch.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>



Rope Ratchet **Rope Ratchet**
1/4-inch **3/8-inch**
XH515 **XH517**
US \$9.50 each **US \$13.95 each**

The rope ratchet is simple to operate and easy to draw tight: attach the two hooks and pull the rope until tight. The ratcheting mechanism keeps the tension on the rope and the thumb-controlled quick-release lever can be used with one hand. The ratcheting mechanism is made from strong glass-filled nylon and die-cast zinc.

The 1/4-inch rope has a maximum load capacity of 150 pounds, and the 3/8-inch rope has a maximum load capacity of 250 pounds. 8 feet of rope is included with each.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

To order, see pages 24–25

Model 3 Work Hook, Left & Right
Left: 55000 Right: 55001
US \$570.00 each



The stainless steel Model 3 Work Hook has serrated holding surfaces and a bucket hook and nail holder. It is used for holding tools and doing heavy duty work. The hook is 4-5/8 inches long. It weighs 10 ounces.
Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

Model 6 Work Hook, Left & Right
Left: 55015 Right: 55016
US \$984.59



The Model 6 Work Hook is made of stainless steel and has serrated holding surfaces and a backlock feature. It is used for holding tools and doing heavy duty work. The hook is 5-1/2 inches long. It weighs 14 ounces.
Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

Model 7 Work Hook, Left & Right
Left: 55021 Right: 55022
US \$324.00 each



The stainless steel Model 7 Work Hook has serrated holding surfaces and bucket hook, nail, and chisel holders. It is used for holding tools and doing heavy duty work. The hook is 4-7/8 inches long and weighs 10-1/2 ounces.
Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

Model 7 LO Work Hook, Left & Right
Left: 55024 Right: 55025
US \$532.66 each



The Model 7 LO Work Hook is made of stainless steel and has serrated holding surfaces. This hook has a knife, pail, and nail holder. It is used for holding tools and doing heavy duty work. The hook has a 1-3/8 inches finger opening and is 5 inches long. It weighs 11 ounces.
Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>



Phillips Screwdriver Set
PSS04-0N2
US \$282.40 each

The 3-piece carbon steel screwdriver set includes No. 1, 2 and 3 Phillips screwdrivers.



Wood Chisel Set
WCS01-0N2
US \$249.00 each

The wood chisel set can be used to remove an old gasket from a gasket-seating surface such as a cylinder head, carburetor or exhaust flange to clean and seat the new gasket. The Wood Chisel and Philips Screwdriver sets attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Model 555 Hook, Aluminum
Left: 55059 Right: 55060
US \$336.12 each

The aluminum Model 555 Hook has lyre fingers and is lined with nitrile rubber. It is 5-1/4 inches long and weighs 4 ounces.

Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>



Model 555 Hook, Stainless Steel
Left: 55062 Right: 55063
US \$365.09 each

The stainless steel Model 555 Hook has lyre fingers and is lined with nitrile rubber. It is 5-1/4 inches long and weighs 8-1/2 ounces.

Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

To order, see pages 24–25

[Communication, Computer & Office]



Clarity PL100
Personal Listener &
Sound Amplifier,
see page 48



ChatterVox Voice Amplifier (Headset or Collar Mic),
see page 48



Single Handed Keyboard (Left & Right),
see page 47



Mouth Head Stick Keyboard,
see page 46

To order, see pages 24–25



Utility Knife (Retractable)
UK03-0N2
US \$191.30 each

The standard sized, retractable utility knife can be used to slice through materials, open boxes and score wallboard.



Exacto Knife
EK01-0N2
US \$97.33 each

The 1-inch exacto knife is made of carbon steel.

Utility Knife and Exacto Knife Available from:
Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>

The Utility Knife and the Exacto Knife attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



1/2-inch 20-thread Tool Shank Adapter
HS01-0N2
US \$80.00 each, \$20.00 if replacing the
Standard N-Abler™ Shank

This small adapter offers function at the least cost. It is welded to the various Texas Assistive Devices tools, and then threaded into the wrist unit of an arm prosthesis.

However, not utilizing the Texas Assistive Devices N-Abler II Terminal Device (US \$1,909.15) and Hands Free Locking Shanks and Swivel, will restrict the amputee's flexibility and range of motion while using tools.

When ordering Texas Assistive Devices tools, please determine the thread size of the amputee's wrist unit. The 1/2-inch 20 NF (national fine) threaded wrist unit is the common size. Metric wrist unit inserts and the Wentworth 3/8-inch thread from Britain may also be encountered through the donation of prosthetic components.

\$20.00 has been added to the price of each Texas Assistive Device tool in the Adaptive Technology Catalog to factory weld the 1/2-inch 20-thread Tool Shank Adapter to the tool.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

Miscellaneous Implement Holder
MIH05-0N2
US \$121.67 each



Made of high-density polyethylene and 3/8-inch 316 stainless steel tubing, the implement holder grips small items such as pens, pencils and toothbrushes. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Leveron Handle
Doorknob Adapter
DL2011
US \$12.49 each

This plastic door lever handle will fit over most existing round doorknobs and provide a very easy way to open the door. Push down on the handle with the side of your hand or push up on the handle with the back of your hand. No twisting or turning. Available in bronze and silver.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>

Hands Free Tool Changing Station
RCH06-0N2
US \$697.75 each



The changing station allows an amputee to attach and unattach a tool easily from the Hands Free Locking or Swivel Shank.

The base is 7-7/8 inches x 8-3/8 inches and the tool holders are 2 inches tall. The Hands Free Tool Changing Station can only be used with the Hands Free Shanks.

Hands Free
Locking Shank



Hands Free
Locking Swivel



Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24-25

**Articulated Arm, Table Clamp & Keyboard Support
for Mouth/Head Stick Keyboards
M-HSK Support
US \$178.82 each**

This optional articulated arm holds the keyboard in almost any position to suit the head or mouth stick use. Designed to be used with Mouth Head Stick Keyboard.

Available from: Maltron Keyboards, PCD Maltron Ltd.
<http://www.maltron.com>



**Slip On Typing Aid Left Hand and Right Hand
Left: NC21012
Right: NC21013
US \$18.95 each**

This aid is helpful for users lacking the dexterity to type with their fingers. It is also useful for dialing a telephone or turning the pages of a book. The easy-to-clean, plastic tool fastens with a Velcro® strap and slips around the palm of the user's hand.

Available from:
Access To Recreation, Inc.
<http://www.AccessTR.com>



**Mouth/Head Stick Keyboard
MGIA - PS2 computers
US \$586.13 each**

The unique shape matches natural head movement and the key letter layout minimizes finger or stick activity, raising speed and relieving frustration and Push-On, Push-Off keys are provided for Shift, Control and Alt. An optional articulated arm holds the keyboard in almost any position to suit the head or mouth stick use.

Available languages include: Canadian-French, English UK, English US, French, German, Norwegian, Spanish and Swedish.

These keyboards do not require special setup or drivers.

Available from: Maltron Keyboards, PCD Maltron Ltd.
<http://www.maltron.com>

**Arthwriter® Holder
(for Weak Grasp)
DL5311
US \$8.99 each**

Designed for users with arthritis. The Arthwriter® can accommodate any long object up to 3/4-inch in diameter including writing instruments, small tools, knitting needles, hobby brushes, grooming aids or toothbrush. It can be used with your left or right hand, depending on hand impairment. Weighs 2 ounces.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>



**Hands Free Magnifier
DL5170
US \$9.99 each**

This light-weight, hands-free magnifier is designed to be worn around the neck to help users work on small projects and close work. The 4-inch lens magnifies 3 times. It has a 1-inch super magnifying dot for detail work. The lens frame is clear Lucite with rubber bumpers for extra comfort.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>

To order, see pages 24-25

**USB Adaptors
PS/2 Keyboard
and Mouse to USB
PS2 Kbd/
Mouse/USB
US \$19.87 each**



This adaptor enables the user to connect a Maltron PS2 keyboard and mouse to the computer through a USB port.

Available from:
Maltron Keyboards,
PCD Maltron Ltd.
<http://www.maltron.com>



**Retro Tool
RT01-0N2
US \$601.24 each**

The Retro Tool is designed to allow others to use the tools customized for the amputee.

- Weight: 4-3/5 ounces
- Body Length: 4-1/8 inches
- Body Width: Tool Socket 1 inch,
Body 1-3/8 inches

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

**USB Adaptors
Apple ADB to USB
ADB to USB
US \$77.49 each**



Use a Maltron ADB keyboard with a computer's USB port. This adapter enables you to use your ADB keyboard on a computer that only supports USB connections.

Available from: Maltron
Keyboards, PCD Maltron Ltd.
<http://www.maltron.com>



**Single Handed Keyboard
Left: LGIA - PS2 computers
Right: RGIA - PS2 computers
US \$586.13 each**

The shape of this keyboard matches natural hand movement and minimizes finger movement, raising speed and relieving frustration. The special shape and letter layout have been very carefully planned, taking into account the limited number of keys that can be accessed quickly and comfortably. Word-processing input speeds of 85 words per minute have been demonstrated. The fully

ergonomic shape ensures freedom from strain and repetitive stress injuries. Available in both left- and right-hand models, which are designed for "Touch Typing" and have a PS2 compatible output. Screen and paper-based training manuals are available.

Available from: Maltron Keyboards, PCD Maltron Ltd.
<http://www.maltron.com>



**Photography Amp-U-Pod
US \$150-\$300.00 each**

The Amp-U-Pod is a simple but versatile prosthetic accessory for handling 35 mm format cameras and video cameras. Adapts to any camera equipped with a standard tripod mount receiver. Supports the camera on an angular arm equipped with a pivoting, lockable tripod mount to facilitate photographing at a variety of angles. Aids in film changing, focusing, and shuttering. Solid and reliable. The Amp-U-Pod fits directly into the prosthesis and replaces your standard terminal device. (2.5 ounces, 6 inches long) 1/2-inch threaded, stud fits all standard body-powered, mechanical prosthetic wrists.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>



**Light Switch Extender
DL2008
US \$7.99 each**

Wall switches become accessible with the 12-foot Light Switch Extension Handle. It is ideal for wheelchair users, persons with difficulty reaching up or those with a limited reach.

Made from lightweight, molded clear plastic, the Extension Handle mounts easily with only two screws and does not require removal of the existing switch cover plate.

Sold 2 per package, the Wall Switch Extension Handle comes complete with screws and bushings necessary for mounting.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com>

To order, see pages 24-25

ChatterVox Voice Amplifier (Headset or Collar Mic)

Headset Mic DL1090

Collar Mic DL1094

US \$219.00 each



ChatterVox is a compact personal voice-amplification system for people with low-volume speech. It is helpful for users with vocal impairments due to landmine injuries, Parkinson's, multiple sclerosis and other conditions that cause a strain on the larynx. The ChatterVox is also ideal for professionals who place heavy demands on their voices, including teachers, trainers and trade-show presenters.

With the adjustable microphone worn comfortably and discreetly over the ear or on the collar, the unit can amplify the voice by 15 decibels. The unit can be worn on the waist and weighs 2 pounds with batteries. The device has a 5-watt audio output and measures 8 inches x 2-9/10 inches x 2-1/10 inches. Rechargeable battery and charger included. One-year warranty for parts and labor on amplifier; 90-day warranty on batteries and microphone.

Note: Individuals with pacemakers should be aware that the Amplifier contains a small magnet.

Available from: **Dynamic Living, Inc.**
<http://www.dynamic-living.com/>

PS2 Switchboxes PS2 Switchbox US \$59.61 each



PS2 Switchboxes enable both a Maltron and a standard keyboard to be connected to a computer at the same time.

Available from: **Maltron Keyboards, PCD Maltron Ltd.**
<http://www.maltron.com>

Desktop Talking Calculator DL5030 US \$19.99 each



With big buttons and display, this calculator is helpful for users with low vision. The calculator features a 1/2-inch number display and a clear female voice. It also has an auto power shut-off, adjustable volume and a repeat key. Measures 7 inches x 5-1/2 inches x 1-1/2 inches. Requires 2 AA batteries, not included. Note: The Talking Calculator does not have a headphone jack.

Available from: **Dynamic Living, Inc.**
<http://www.dynamic-living.com/>



Clarity PL100 Personal Listener & Sound Amplifier DL1164 US \$129.99 each

Ideal for individuals with slight hearing loss, this portable personal amplifier increases sound while filtering out annoying background noise, making it easier to hear sounds up to 40 decibels. The lightweight "ear hook" style headset adjusts to fit the left or right ear and the adjustable tone control filters out feedback and other distracting background noise. The Personal Listener and Sound Amplifier features a detachable omni-directional microphone that is ideal for group settings and a 12-foot extension cord that allows the user to place the microphone next to the sound source for optimal performance. Weighs 3 ounces and measures 4-1/2 inches long x 2 inches wide x 1/2-inch deep.

Includes:

- Battery charger
- 2 rechargeable AAA NiMH batteries
- Carrying case with belt loop
- Manufacturer's one-year limited warranty

Available from: **Dynamic Living, Inc.**
<http://www.dynamic-living.com/>

To order, see pages 24-25

[Construction & Mechanical]



**Ball Peen Hammer 8-ounce,
Claw Hammer 7-ounce,
Nail Set and
Adjustable Wrench Set,
see pages 59-60**



**GILLIFT™ Cabinet Lifter
MODEL 70-1, see page 57**



Nailing Hammer, see page 51

To order, see pages 24–25

**Phillips Screwdriver Set
PSS04-0N2
US \$282.40 each**



The 3-piece carbon steel screwdriver set includes No. 1, 2 and 3 Phillips screwdrivers. They attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

**1/2-inch 20-thread
Tool Shank Adapter
HS01-0N2
US \$80.00 each,
\$20.00 if replacing
the Standard N-Abler™ Shank.**



This small adapter offers function at the least cost. It is welded to the various Texas Assistive Devices tools, and then threaded into the wrist unit of an arm prosthesis. However, not utilizing the Texas Assistive Devices N-Abler II Terminal Device (US \$1,909.15) and Hands Free Locking Shanks and Swivel, will restrict the amputee's flexibility and range of motion while using tools.

When ordering Texas Assistive Devices tools, please determine the thread size of the amputee's wrist unit. The 1/2-inch 20 NF (national fine) threaded wrist unit is the common size. Metric wrist unit inserts and the Wentworth 3/8-inch thread from Britain may also be encountered through the donation of prosthetic components.

\$20.00 has been added to the price of each Texas Assistive Device tool in the Adaptive Technology Catalog to factory weld the 1/2-inch 20-thread Tool Shank Adapter to the tool.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**Rip Claw Hammer 10-ounce
RCH07-0N2
US \$129.87 each**

The 10-ounce hammer is made of drop forged carbon steel.



**Tack Hammer 5-ounce
TH08-0N2
US \$109.17 each**

The 5-ounce tack hammer is made of carbon steel and suitable for driving small nails. The hammer can be used on cabinets, molding, trim and upholstery.

Hammers available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Rip Claw Hammer and Tack Hammer attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.



**Hands Free Tool Changing Station
RCH06-0N2
US \$697.75 each**

The changing station allows an amputee to attach and unattach a tool easily from the Hands Free Locking or Swivel Shank. The base is 7-7/8 inches x 8-3/8 inches and the tool holders are 2 inches tall. The Hands Free Tool Changing Station can only be used with the Hands Free Shanks.

**Hands Free
Locking Shank**



**Hands Free
Locking Swivel**



Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25

**All-purpose
Quick Grip Adapter
APQGA01-0N2
US \$106.94 each**



This clamping adapter, manufactured by Vice Grip® provides a 1 inch opening. It is made of high-density polyethylene and steel bar.

**All-purpose
Crank Adapter
APCA01-0N2
US \$106.94 each**



This crank adapter is helpful for users with hand dysfunction or amputation. It is made of Acidel Delran. It can also be used for leisure; it fits most light fishing reel crank handles.



**Nail Holder
NH03-0N2
US \$123.12 each**

This nail holder helps you grip nails before driving them in place. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**Nailing Hammer
44K14.10
US \$29.50 each**

This hammer has a grooved head with two nail-head slots, the first for short nails from 2 inches to 2-3/4 inches and the second for nails up to 4 inches long. Nails are held in the groove securely by an integral rare-earth magnet. This hammer lets the user hold material with one hand while using the other hand to start and drive the nail. The tool has shorter than normal claws (of a cat's paw pattern) to increase leverage while reducing muscle strain when nail pulling.

With a 20-ounce head and a 13-inch fiberglass handle with a rubber grip, it makes a useful framing hammer.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

**All-purpose Adapters available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

The All-purpose Crank Adapter and the All-purpose Quick Grip Adapter attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.



**Peddle Master
System
PMS98
US \$365.00 each**

The Peddle Master System helps users who wish to drive

but do not have hand controls in their vehicles. It can be used with most vehicles with automatic transmissions and power brakes. The Peddle Master is portable and can be installed and removed quickly without tools. The System includes a carrying case.

Available from: Access to Recreation, Inc.
<http://www.AccessTR.com/>



**Driving Ring
56394
US \$267.00 each**

The Hosmer® Driving Ring attaches quickly and easily to automobile steering wheels, boat tillers and aircraft controls.

Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

To order, see pages 24–25



Drywall Panel Door Jack
88K19.01
US \$8.50 each

This handy foot jack is used for putting up drywall, paneling a room or hanging a door. It is used by all the drywall pros, to free up their hands for nailing and positioning the board. Nickel-plated steel, 6 inches long and weighs about 1 pound.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Cam Clamp Mechanism 1/4-20 and 5/16-18
1/4-20: 05J51.01 **5/16-18: 05J51.05**
US \$4.40 each **US \$4.95 each**

This cam clamp can exert as much as 400 pounds of force using only a thumb and forefinger to operate the handle for clamping and releasing jigs and fixtures, and when doing repetitive work. The 1/4-20 cam clamp with a 3-inch long cast aluminum handle is suitable for most clamping applications. The steel cross-dowel nut can be used with any 1/4-20 fastener.

For heavier applications, the 5/16-18 cam clamp, with a 3-3/8 inches long steel handle, has a steel cross-dowel nut that can be used with any 5/16-18 screw or bolt. Our 1/4-20 and 5/16-18 T-bolts are ideal.

Both clamps includes two washers of different thickness so the user can choose lever orientation without affecting clamping force.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com/>

Drywall Panel Tote
03K18.01
US \$8.50 each



The 14-inch "U" channel provides support and helps balance material up to 1 inch thick. The offset handle protects the user's knuckles. The tote can be used for lifting and carrying wallboard and plywood.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Retro Tool
RT01-0N2
US \$601.24 each

The Retro Tool is designed to allow others to use the tools customized for the amputee.

- Weight: 4-3/5 ounces
- Body Length: 4-1/8 inches
- Body Width: Tool Socket 1 inch, Body 1-3/8 inches

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



12-Foot Blindman's Tape
(right to left): 50K16.01
(left to right): 50K16.02
US \$6.95 each

This measuring tape features bold markings which can be read by weak eyes in bad light. 12 feet long by 1 inch wide in a tough plastic case.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

To order, see pages 24-25



**PANELLIFT® Drywall Lifter
MODEL 138-2**
Call for dealer; US \$650.00 each

The original PANELLIFT® Model 138-2 is the industry's leading drywall lifter. Allows one person working alone to lift wallboard up to 11-foot walls and ceilings. The cradle tilts laterally 65 degrees for easy loading and installation on walls and sloped ceilings. It also tilts longitudinally 10 degrees. The fast action, single-stage winch with silent cam-lock brake easily lifts and lowers wallboard, limiting back strain. Includes high tensile 1/8-inch aircraft cable so you don't have to strain your back! Made from welded steel construction to withstand heavy work environments such as commercial or industrial applications.

Available from: Telpro Inc.®
<http://www.telproinc.com>

**PANELLIFT® 154 18-Inch Extension
for Drywall Lifter MODEL 138-2**
US \$24.00 each

Drywall lifts from Telpro make installing wallboard a one-man job. Telpro's line of drywall lifters and accessories has everything you need for a professional looking job everytime. The 18 inch pipe extension fits the 138-2 and 460 Panellift, raising their lifting heights to 12-1/2 feet and 16-1/2 feet respectively.

Available from: Telpro Inc. ®
<http://www.telproinc.com>



**PANELLIFT® 186 6-Foot Extension
for Drywall Lifter MODEL 138-2**
US \$152.00 each

This 6-foot extension fits the 138-2 PANELLIFT® by replacing the two 4-foot telescoping sections with two 6-foot telescoping sections, allowing the user to reach 15-foot ceilings. Ceilings lower than 9 feet tall require the use of the original 4-foot telescoping sections.

Available from: Telpro Inc. ®
<http://www.telproinc.com>



Drill Drive™ Winch System MODEL 1055
US \$229.00 each
**Factory installed with PANELLIFT®
MODEL 138-2**
US \$749.00 each

With the Telpro Dual Drive winch system attached to your PANELLIFT® brand drywall lift, all you need is a corded or cordless drill* to quickly and effortlessly lift drywall into place. Drill not included. This patent pending system also allows you to manually operate the winch as normal for precise final positioning of the load. The Telpro Dual Drive winch system is a "must have" addition to any manual-winch PANELLIFT drywall lift.

***Recommended:** A drill capable of turning at a speed of at least 850 RPM. Some cordless drills may lack to torque at higher speeds to function well in this application.

PANELLIFT Drywall Lift Model 138-2 with Drill Drive Winch System Model 1055 factory installed List Price is \$749.00 (save about 10% from purchasing separately.)

See the Drill Drive™ in action at www.drilldrive.com.

Please note the following:

- The PANELLIFT lifts up to 150 pounds.
- *When using a cordless drill, number of lifts per charge varies due to drill condition and lifting heights.
- Operate cordless drill in low range when lifting
- Drill must be operated in reverse when lifting drywall with the Dual Drive™ Winch Systems
- For faster rate installs, it is recommended using a corded drill (850 RPM or greater)
- Never use an impact drill with the Dual Drive Winch Systems™

Available from: Telpro Inc.®
<http://www.telproinc.com>

To order, see pages 24–25



**PANELLIFT®
Drywall Lift
MODEL 439
US \$1,195.00 each
With Drill Drive™
Winch System
MODEL 1065
factory installed:
US \$1,270.00 each**

The PANELLIFT® Model 439 is the only chain drive lift in the industry. Expect low maintenance and long

life since there are no cables or sheaves to replace. The patented heavy duty chain drive system delivers safe, long-term use, sheet after sheet and it's backed by a three year drive train limited warranty. The unique torque limiter ensures that only safe load weights are going up, and damage to the machine from overloading is prevented. Low loading height (35 inches) makes it easy to load and the high 14-foot, 5-inch reach means you can reach 95% of all ceilings without extra extensions.

- Max. Standard Reach: 14 feet, 5 inches
- Standard Load Height: 35 inches
- Net Weight: 124 pounds
- Lift Mechanism: Manual Multi-stage Chain
- Sheet size & capacity: One 4-foot x 16-foot sheet
- Reach w/ Extension 154: 15 feet, 11 inches
- Optional Loading Attachment Load Height: 4 inches
- Optional Storage & Transport Stand Footprint: 20 inches long x 10 inches wide

**Available from: Telpro Inc.®
<http://www.telproinc.com>**



**Drill Drive™ Winch System
MODEL 1065
US \$199.00 each
Factory installed with
PANELLIFT® MODEL 439:
US \$1,270.00 each**



With the Telpro Dual Drive winch system attached to your PANELLIFT® brand drywall lift, all you need is a corded or cordless drill* to quickly and effortlessly lift drywall into place. Drill not included. This patent pending system also allows you to manually operate the winch as normal for precise final positioning of the load. The

Telpro Dual Drive winch system is a “must have” addition to any manual-winch PANELLIFT drywall lift.

***Recommended:** A drill capable of turning at a speed of at least 850 RPM. Some cordless drills may lack to torque at higher speeds to function well in this application.

See the Drill Drive™ in action at www.drilldrive.com.

Please note the following:

- The PANELLIFT lifts up to 150 pounds.
- *When using a cordless drill, number of lifts per charge varies due to drill condition and lifting heights.
- Operate cordless drill in low range when lifting.
- Drill must be operated in reverse when lifting drywall with the Dual Drive™ Winch Systems
- For faster rate installs, it is recommended using a corded drill (850 RPM or greater)
- Never use an impact drill with the Dual Drive winch systems.

**Available from: Telpro Inc.®
<http://www.telproinc.com>**

**Finger Wrench
25K11.03
US \$3.50 each**



Use this wrench to tighten small nuts or bolts in awkward places. Finger pressure holds the nut or bolt in the wrench, while the raised, tapered slot prevents it from turning. Made from high-impact ABS, the sleeve adjusts to fit any size finger. Holds all nuts up to 1/2-inch.

**Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>**

To order, see pages 24–25



PANELLIFT® Model 182
US \$759.00 each

The PANELLIFT® Model 182 increases your reaching height to 15 feet without the use of extensions. Specifically designed for extra tall jobs, the PANELLIFT Model 182 offers a higher standard reach. One person can hang wallboard up to 4 feet x 16 feet on walls, cathedral and flat ceilings up to 15 feet, (16 feet, 6 inches with optional Extension 154). With three easy rolling 5-inch casters and the folding tripod legs, the unit passes through doorways easily. Includes a fast action, single stage winch with silent cam-lock brake and a high tensile 1/8-inch aircraft cable. Made from welded steel construction to withstand heavy work environments such as commercial or industrial applications.

Available from: Telpro Inc.®
<http://www.telproinc.com>

BoWrench® Deck Tool
03K11.05
US \$59.50 each



This heavy-duty wrench is an excellent tool for decking or laying out tongue-and-groove plywood. The tool provides the leverage needed to correctly position warped lumber. The 24-inch handle, offset to prevent skinned knuckles, can be used in either a pull or push fashion (joist gripper and cam are reversible) and is designed to stay in position while under full tension (i.e., handle is parallel with joist) for quick board fastening.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

Exacto Knife
EK01-0N2
US \$97.33 each



The 1-inch exacto knife is made of carbon steel. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



PANELLIFT® Loader
Attachment Model 195
US \$199.00 each

The loader limits excessive lifting, bending and back strain and lets one worker install drywall. A minimum lift of 3 inches is needed to pick up a board at floor level.

Made from welded steel construction to withstand heavy work environments such as commercial or industrial applications.

Model 195 loader is designed to fit any PANELLIFT® brand drywall lift.

Available from: Telpro Inc.®
<http://www.telproinc.com>

PANELLIFT® Storage & Transport Cart MODEL 110
US \$299.00 each

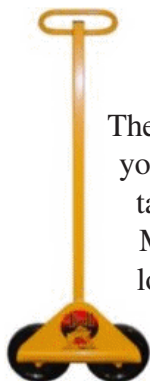


Designed for the PANELLIFT® 138-2 drywall lift. Handle the loaded Model 110 Cart as any two-wheel material handling dolly. (Always secure the cart when transporting to avoid tipping or moving of the load.)

Available from:
Telpro Inc.®
<http://www.telproinc.com>

To order, see pages 24–25

THE TROLL® Panel Handler Model 49
US \$30.00 each



The Troll's simple, sturdy and efficient design safeguards your back when moving drywall, plywood, paneling and tables. Weighing in at less than five pounds, The Troll® Model 49 supports a maximum load of 300 pounds, allowing you to carry a limitless variety of items. See the Troll® Panel Handler in action at www.thetroll.com.

Available from: Telpro Inc.®
<http://www.telproinc.com>



THE TROLL® 1361
Deck Skid Plate 22-12
US \$69.00 each

An accessory for the Troll® model 1361 Drywall Cart, the Deck Skid Plate is made of lightweight, heavy-duty, high-density polyethylene that stays in place when you need it. The plate removes easily and stores when not needed.

Available from: Telpro Inc.®
<http://www.telproinc.com>



THE TROLL® 1361 Optional Pivotal Lock
& Braking Caster 22-14
US \$28.92 each

The Optional Pivotal Lock & Braking Caster 22-14 is an accessory for the Troll® model 1361 Drywall Cart.

Available from: Telpro Inc.®
<http://www.telproinc.com>



Locking Grip C Clamp
LGCC01-0N2
US \$107.33 each

Used primarily for welding, auto body, and metal fabrication, the Locking Grip C Clamp is 2 inches. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



THE TROLL® Cart
Model 1361 and 1814
Model 1361: US \$345.00 each
Model 1814: US \$370.00 each

Designed as drywall carts, the Troll® models 1361 and 1814 are actually multi-dimensional material carts. The upright tubes can be placed upright for a traditional sheet goods cart, placed in the front and rear hangers to create a flatbed cart, or stored within the frame to provide a carrying handle.

Each cart comes equipped with three standard 8-inch swivel casters and one 8-inch caster with swivel-lock and brake. The optional skid plate allows the user to convert to a closed-front cart with high-density polyethylene protective deck. **This option is currently only available for model 1361.**

The hourglass design (open front and back) allows the user to get around tight corners.



One person can load and unload without damaging the boards or hands. It also works great for moving round tables.

Load rating - 4,000 pounds., 2 Tons
(1.8144 Metric Tons).

Model 1361 weighs 85 pounds.
 48in wide x 22in deep x 44in high
 (12 inches stacking space)

Model 1814 weighs 150 pounds.
 60in wide x 28in deep x 57in high
 (18 inches stacking space)

Available from: Telpro Inc.®
<http://www.telproinc.com>

To order, see pages 24-25



**GILLIFT™ Cabinet Lifter
MODEL 70-1
US \$359.00 each**

This lift has a short mast with a counter-top base. Model 70-1 is designed for use when installing upper cabinets with lower cabinets already in place. Completely hand operated by one worker, no tools are needed for assembly. The GILLIFT is designed for rigorous use and safe, dependable operation.

Features:

- Strong lightweight aluminum construction
- Fine workmanship and materials
 - Total weight: 67 pounds
 - Loading height: 7 inches
- Counter base lift height: 36 inches
 - Load capacity: 300 pounds

Available from: Telpro Inc.®
<http://www.telproinc.com>



**Pipe Wrench
PW01-0N2
US \$98.47 each**

The 8-inch carbon steel pipe wrench with hardened steel jaws adjusts to grip and turn piping and fittings.



**Utility Knife (Retractable)
UK03-0N2
US \$191.30 each**

The standard sized, retractable utility knife can be used to slice through materials, open boxes and score wallboard.

**Pipe Wrench and Utility Knife available from:
Texas Assistive Devices, L.L.C.**
<http://www.n-abler.org/>

The Pipe Wrench and Utility Knife attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.



**GILLIFT™ Cabinet Lifter MODEL 70-2
US \$479.00 each**

This lift has a long one-piece mast with a dolly base. Model 70-2 is designed for use when installing upper cabinets prior to lower cabinet installation. Completely hand operated by one worker, no tools are needed for assembly. The GILLIFT is designed for rigorous use and safe, dependable operation.

Features:

- Strong lightweight aluminum construction
- Fine workmanship and materials
- Total weight: 67 pounds
- Loading height: 7 inches
- Lifting height: 70 inches
- Load capacity: 300 pounds

Available from: Telpro Inc.®
<http://www.telproinc.com>



**GILLIFT™ Cabinet Lifter
MODEL 70-3
US \$525.00 each**

A complete package consisting of a long mast, short mast, dolly and counter-top bases. Model 70-3 allows installer to hang upper cabinets either before or after lower cabinets are installed. The dolly base also functions independently for moving cabinets on the work site. Completely hand operated by one worker, no tools are needed for assembly. The GILLIFT is designed for rigorous use and safe, dependable operation.

Features:

- Strong lightweight aluminum construction
- Fine workmanship and materials
- Total weight: 67 pounds
- Loading height: 7 inches
- Lifting height: 70 inches
- Load capacity: 300 pounds

Available from: Telpro Inc.®
<http://www.telproinc.com>

To order, see pages 24–25



DOORMINATOR®
Door Handler MODEL 3070
US \$519.00 each



Allows one person to install and remove solid core doors up to 4 feet wide and 7 feet high by aligning the door with the jamb. The Doorminator® loads easily and will roll through the doorway for installation. The device is fully adjustable: it tilts forward and backward, side to side, and up and down, to align the door with the jamb. The Tilt Handle will adjust the door forward and backwards on either side of plumb. The Lift Handle will lift the Door from 1/4-inch to 2 inches off the floor. The Door Hooks are spring loaded and can accommodate doors from 28 inches to 48 inches wide. The Floor Plate moves out to support the door when in plumb or past-plumb position. The Side Tilt Adjustment Wheel adjusts the door from right to left on either side of plumb. The back leg folds for transportation and storage.

Features:

- Door sizes: 28 inches to 48 inches
 - Door quantity: single
 - Total weight: 60 pounds
- Load capacity = 160 pounds

For larger doors see the Doorminator® Model 40100 at www.doorminator.com

Available from: Telpro Inc.®
<http://www.telproinc.com>

Center Punch
CP01-0N2
US \$90.67 each



This 7/16-inch center punch is made of heat treated carbon steel.

Miscellaneous Implement Holder
MIH05-0N2
US \$121.67 each



Made of high-density polyethylene and 3/8-inch 316 stainless steel tubing, the Miscellaneous Implement Holder grips small items such as pens, pencils and toothbrushes.

Center Punch and Miscellaneous Implement Holder available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Center Punch and Miscellaneous Implement Holder attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Locking Grip Pliers Set
LGPS04-0N2
US \$322.63 each



Manufactured by Vice Grip® this set of pliers includes a 5-inch curve jaw, 6-inch needle nose, and a 7-inch curve jaw. They attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25

**Clamp-It Hobby Vise
DL5161
US \$29.99 each**



Clamp-It is an adjustable clamping device that can be used to hold items in fixed positions. This useful tool can hold small tools, knitting needles, and crochet hooks. Clamp-It is mounted on four suction cups for extra stability. The clamp bar can be used vertically or horizontally with a maximum holding width of 1 inch.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>

**Steerable Rolling Seat with Tool Tray
PS210
US \$74.50 each**



The comfortable metal tractor-style seat is adjustable from 17 inches to 20 inches high and swivels 360 degrees so the user can position his body comfortably while moving about a construction site, working in a garden or working on an automobile. The rolling base, constructed of 1 inch diameter powder-coated steel tubing, has four wide pneumatic tires that move easily through soil without sinking. It includes an under-seat polytool tray and a rear storage basket to keep supplies and tools within reach. This rolling seat is also useful for low-to-the-ground chores such as washing cars and painting. Measures 31 inches long by 18 inches wide and weighs 35 pounds. Some assembly required.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



**Tool Cradle
TC05-0N2
US \$145.44 each**

Originally designed to support rifles and shotguns, this tool cradle can be used to support most heavy or long tools. It is made of stainless steel tubing coated in Performix rubber. The Tool Cradle attaches with the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank.

When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25



**Ball Peen Hammer 4-ounce
BPH03-0N2
US \$110.83 each**



**Ball Peen Hammer 8-ounce
BPH02-0N2
US \$110.57 each**



**Claw Hammer 7-ounce
CH05-0N2
US \$109.17 each**

The hammer is made of drop forged carbon steel and weighs 7 ounces.

Hammers available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The 4-ounce and 8-ounce Ball Peen Hammers and the Claw Hammer 7-ounce attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.



Adjustable Wrench Set
AWS04-0N2
US \$324.03 each

These chrome vanadium Husky® adjustable wrenches are available in a 3-piece set. The set includes wrenches in the following sizes: 6-inch, 8-inch and 10-inch that attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the type of wrist unit thread the patient uses, either the 1/2-inch 20 NF (national fine) threaded wrist unit, metric, or Wentworth 3/8-inch thread.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Nail Set
NSRL01-0N2
US \$89.17 each

The hardened carbon steel 1/32-inch tip nail set can help you drive nails below or even with a surface.



Coping Saw
CS04-0N2
US \$110.83 each

The coping saw is 8 inches long.

Nail Set and Coping Saw available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Nail Set and the Coping Saw attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric or Wentworth 3/8-inch thread for patients using these wrist units.



14-piece Box-end Standard Wrench Set
BESS15-0N2
US \$1,151.36 each

These chrome vanadium, Craftsman® wrenches are available in a 14 piece set. The set includes wrenches in the following sizes: 1/4-inch, 5/16-inch, 11/32-inch, 3/8-inch, 7/16-inch, 1/2-inch, 9/16-inch, 5/8-inch, 11/16-inch, 3/4-inch, 13/16-inch, 7/8-inch, 15/16-inch, and 1-inch.

14-piece Box-end Metric Wrench Set
BEMS15-0N2
US \$1,151.36 each

These chrome vanadium, Craftsman® wrenches are available in a 14-piece set. The set includes wrenches in the following sizes: 6-millimeter, 7-millimeter, 8-millimeter, 9-millimeter, 10-millimeter, 11-millimeter, 12-millimeter, 13-millimeter, 14-millimeter, 15-millimeter, 16-millimeter, 17-millimeter, 18-millimeter, and 19-millimeter.



14-piece Open-end Standard Wrench Set
OESS15-0N2
US \$1,151.36 each

14-piece Open-end Metric Wrench Set
OEMS15-0N2
US \$1,151.36 each

All Wrench Sets Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The wrench sets attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

To order, see pages 24–25

**Model 3 Work Hook,
Left & Right
Left: 55000
Right: 55001
US \$570.00 each**



The stainless steel Model 3 Work Hook has serrated holding surfaces and a bucket hook and nail holder. It is used for holding tools and doing heavy duty work. The hook is 4-5/8 inches long. It weighs 10 ounces.

**Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>**

**Model 7 LO Work Hook,
Left & Right
Left: 55024
Right: 55025
US \$532.66 each**



The Model 7 LO Work Hook is made of stainless steel and has serrated holding surfaces. This hook has a knife, pail, and nail holder. It is used for holding tools and doing heavy duty work. The hook has a 1-3/8 inches finger opening and is 5 inches long. It weighs 11 ounces.

**Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>**

**Model 6 Work Hook,
Left & Right
Left: 55015
Right: 55016
US \$984.59 each**



The Model 6 Work Hook is made of stainless steel and has serrated holding surfaces and a backlock feature. It is used for holding tools and doing heavy duty work. The hook is 5-1/2 inches long. It weighs 14 ounces.

**Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>**

**Model 555 Hook,
Aluminum
Left: 55059
Right: 55060
US \$336.12 each**



The aluminum Model 555 Hook has lyre fingers and is lined with nitrile rubber. It is 5-1/4 inches long and weighs 4 ounces.

**Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>**

**Model 7 Work Hook,
Left & Right
Left: 55021
Right: 55022
US \$324.00 each**



The stainless steel Model 7 Work Hook has serrated holding surfaces and bucket hook, nail, and chisel holders. It is used for holding tools and doing heavy duty work. The hook is 4-7/8 inches long. It weighs 10.5 ounces.

**Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>**

**Model 555 Hook,
Stainless Steel
Left: 55062
Right: 55063
US \$365.09 each**



The stainless steel Model 555 Hook has lyre fingers and is lined with nitrile rubber. It is 5-1/4 inches long and weighs 8-1/2 ounces.

**Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>**

To order, see pages 24–25



Mini File Set
HFS08-0N2
US \$303.97 each

The 7-piece file set is made of hardened carbon steel. Files are 3-1/2 inches long.



File Set
FS05-0N2
US \$352.57 each

This Cooper Tools® by Nicholson 4-piece file set is made of hardened carbon steel. Files are 8 inches.

File Sets available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The file sets attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



Rope Ratchet 1/4-inch
XH515
US \$9.50 each

Rope Ratchet 3/8-inch
XH517
US \$13.95 each

The rope ratchet is simple to operate and easy to draw tight: attach the two hooks and pull the rope until tight. The ratcheting mechanism keeps the tension on the rope and the thumb-controlled quick-release lever can be used with one hand. The ratcheting mechanism is made from strong glass-filled nylon and die-cast zinc.

The 1/4-inch rope has a maximum load capacity of 150 pounds, and the 3/8-inch rope has a maximum load capacity of 250 pounds. 8 feet of rope is included with each.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Mini Hack Saw
MHS07-0N2
US \$97.33 each

All Saws available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Mini Hack Saw, Hack Saw, and Mini Hobby Craft Saw attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

To order, see pages 24–25



Mini Hobby Craft Saw
MHCS01-0N2
US \$107.47 each

The 6-inch mini hobby craft saw is made of carbon steel.



Hack Saw
HS06-0N2
US \$104.13 each



Arthwriter® Holder (for Weak Grasp)

DL5311

US \$8.99 each

Designed for users with arthritis. The Arthwriter® can accommodate any long object up to 3/4-inch in diameter including writing instruments, small tools, knitting needles, hobby brushes, grooming aids or toothbrush. It can be used with your left or right hand, depending on hand impairment. Weighs 2 ounces.

Available from: Dynamic Living, Inc.

<http://www.dynamic-living.com/>



Hands Free Magnifier

DL5170

US \$9.99 each

This light-weight, hands-free magnifier is designed to be worn around the neck to help users work on small projects and close work. The 4-inch lens magnifies 3 times. It has a 1-inch super magnifying dot for detail work. The lens frame is clear Lucite with rubber bumpers for extra comfort.

Available from:

Dynamic Living, Inc.

<http://www.dynamic-living.com/>



Small Chuck Ratchet Key

up to 3/8 inch

18J08.01

US \$6.95 each

With an overall length of 4 inches, this key is easy to hold.

The ratcheting head allows you

to keep your knuckles clear of the toothed chuck collar. Use one side to tighten, the other to release. The key works well for chucks up to 3/8-inch capacity.

Available from: Lee Valley Tools Ltd.

<http://www.leevalley.com>



Ratchet Set

RWS04-0N2

US \$396.37 each

This 3-piece chrome vanadium set includes 1/4-inch, 3/8-inch & 1/2-inch drives.

The Ratchet Set attaches to a prosthesis using the 1/2-inch

20-thread Tool Shank Adapter or a Standard N-Abler™ shank.

When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>

To order, see pages 24–25

[Crafts, Hobbies & Recreation]



Angler's Aid Rod Holder,
see page 69



Mini Hobby Craft Saw,
see page 65



Kroh's Crochet Aid, see page 68



**Criterion 70 & Criterion 85
Bicycle Handlebar Adapter,**
see page 67

To order, see pages 24–25



**Arthwriter® Holder
(for Weak Grasp)
DL5311
US \$8.99 each**

Designed for users with arthritis. The Arthwriter® can accommodate any long object up to 3/4-inch in diameter including writ-

ing instruments, small tools, knitting needles, hobby brushes, grooming aids or toothbrush. It can be used with your left or right hand, depending on hand impairment. Weighs 2 ounces.

Available from: Dynamic Living, Inc.

<http://www.dynamic-living.com/>

**1/2-inch 20-thread
Tool Shank Adapter
HS01-0N2
US \$80.00 each,
\$20.00 if replacing
Standard N-Abler™ Shank.**



**Mini Hobby
Craft Saw
MHCS01-0N2
US \$107.47 each**



The 6-inch mini hobby craft saw is made of carbon steel and attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:

Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>



**Miscellaneous Implement Holder
MIH05-0N2
US \$121.67 each**

This small adapter offers function at the least cost. It is welded to the various Texas Assistive Devices tools, and then threaded into the wrist unit of an arm prosthesis. However, not utilizing the Texas Assistive Devices N-Abler II Terminal Device (US \$1,909.15) and Hands Free Locking Shanks and Swivel, will restrict the amputee's flexibility and range of motion while using tools.

When ordering Texas Assistive Devices tools, please determine the thread size of the amputee's wrist unit. The 1/2-inch 20 NF (national fine) threaded wrist unit is the common size. Metric wrist unit inserts and the Wentworth 3/8-inch thread from Britain may also be encountered through the donation of prosthetic components.

\$20.00 has been added to the price of each Texas Assistive Device tool in the Adaptive Technology Catalog to factory weld the 1/2-inch 20-thread Tool Shank Adapter to the tool.

Available from: Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>

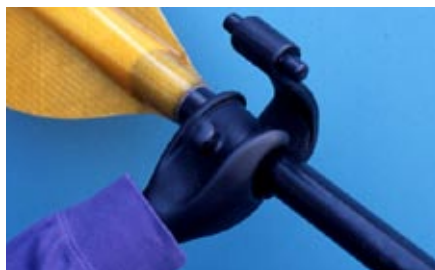
To order, see pages 24-25

Made of high-density polyethylene and 3/8-inch 316 stainless steel tubing, the implement holder grips small items such as pens, pencils and toothbrushes. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:

Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>



Hammerhead Canoe Kayak **US \$400.00–\$800.00 each**

Connect your prosthesis to your paddle with this attachment. The device safely secures the paddle's handle, allowing for a quick manual release. It duplicates the bio-mechanical wrist action required for performance kayaking. Mounts on any standard prosthesis or accepts any USA Standard disconnect adapter. Canoeing and rowing water sports applications possible with handle modifications.

Specifications:

- Length: 4-3/10 inches
- Width: 2-7/10 inches
- Weight: 12 ounces
- Color: Black

Available from: TRS Inc.

<http://www.oandp.com/products/trs/>



Center Punch **CP01-0N2** **US \$90.67 each**

This 7/16-inch center punch is made of heat treated carbon steel. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

All-purpose Crank Adapter **APCA01-0N2** **US \$106.94 each**

This acidel delran crank adapter manufactured by Texas Assistive Devices fits most light fishing reel crank handles (1 inch x 7/16-inch). It attaches using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Retro Tool **RT01-0N2** **US \$601.24 each**

The Retro Tool is designed to allow others to use the tools customized for the amputee.

- Weight: 4-3/5 ounces
- Body Length: 4-1/8 inches
- Body Width: Tool Socket 1 inch, Body 1-3/8 inches

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Single-Handed Bike Brake Levers for Mountain Bikes **US \$35.00–\$70.00 each**

The single-brake lever operates both front and rear brakes simultaneously for safety and control. Designed to fit standard diameter handlebars. Right or left mount and single-handed operation. Brake lines not provided.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>

To order, see pages 24–25

**Criterion 70 Bicycle Handlebar Adapter,
Criterion 85 Bicycle Handlebar Adapter
US \$200.00-\$400.00 each**

The TRS Criterion is a simple accessory designed to snap on and off one-inch diameter, smooth, bare bicycle handle bars. The adapter is constructed of a durable synthetic polymer and requires no cable for operation. It has no moving mechanical parts or adjustable release mechanisms. Depending upon the weight of the rider and the forces involved the Criterion is designed to push onto and pull off the handlebars under load. This elastic type action provides some margin of safety should the rider fall or wish to dismount quickly.

Children, small sized adults and less aggressive riders will probably prefer the Criterion 70 because it snaps on and off the handlebars with less effort. The Criterion 85 is designed for average to larger adults or more active, aggressive riders. The Criterion 85 requires more effort and force to release from the handlebars.

Specifications:

- Length: 3-3/8 inches
- Weight: 6-1/2 ounces
- Mounting: 1/2-inch diameter threaded mounting stud
- Width: 2-1/2 inches
- Color: Black
- Release Loads:

Criterion 70: 15–20 pounds

Criterion 85: 40–45 pounds

Available from: TRS Inc.

<http://www.oandp.com/products/trs/>



**Fishing Pole Holder
FP09
US \$35.95 each**

This clamp-on fishing pole holder maintains a good grip on the pole and offers one-handed reel operation.

The rigid, heavy-walled, PVC plastic tube is 6 inches long with an inside diameter of 1.6 inches. The tube keeps the pole from moving as you reel in your fish while a slot in the side supports the reel. The holder is adaptable to any tubular wheelchair bar, 7/8-inch to 1-1/8 inches in diameter. The holder also fits lawn chairs, beach chairs and sports wheelchairs.

Available from: Access To Recreation, Inc.
<http://www.AccessTR.com>



**Fishing Rod
FR03-0N2
US \$184.83 each**

The Shakespeare® Ugly Stick® fishing rod has a graphite inner core and an e-glass outer layer. It is 6 inches long and attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Reel not included.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25

Kroh's Crochet Aid
KC01
US \$13.95 each

The Kroh's Crochet Aid is perfect for people with limited hand movement and dexterity. A Velcro band wraps around the wrist or hand and can be adjusted to provide the correct amount of tension in the yarn. A ring attached to the band has a small slit for the yarn to pass through, preventing the yarn from slipping to the side. A second ring with a slit in the top wraps around the finger so the yarn stays close to the fingertip for easy crocheting.

Available from: Access To Recreation, Inc.
<http://www.AccessTR.com>



Embroidery Hoop
CH55
US \$84.95 each

Do needle-craft projects with just one hand. Use this holder for knitting, crocheting, darning and embroidery. Clips onto tabletops measuring up to 1 inch thick. Easily adjust the 13-1/2 inch gooseneck by bending as needed. Includes holder, darning ring and 8-inch hoop with a flexible shaft.

Available from:
Access To Recreation, Inc.
<http://www.AccessTR.com>



Hands Free Magnifier
DL5170
US \$9.99 each

This light-weight, hands-free magnifier is designed to be worn around the neck to help users work on small projects and close work. The 4-inch lens magnifies 3 times. It has a 1-inch super magnifying dot for detail work. The lens frame is clear Lucite with rubber bumpers for extra comfort.

Available from:
Dynamic Living, Inc.
<http://www.dynamic-living.com/>



Exacto Knife
EK01-0N2
US \$97.33 each

The 1-inch carbon steel exacto knife attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Magnifier Tweezers
86K98.05
US \$6.50 each

Great for picking up small items. The hinged joint allows you to adjust the magnification as necessary. This tool may also be used in the garden, workshop or when doing crafts. Made of stainless steel, with a quartz glass lens. 3-1/2 inches long.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com/>

To order, see pages 24-25

**Angler's Aid Rod Holder
(Buckle Left, Right or Dual)
RH101
US \$69.00 each**

Holds four styles of rods: bait, spin, spin-casting and fly. The body frame is made of strong, molded plastic. The underside is padded with soft, foam rubber for added comfort. The suspender-like harness is made of strong webbing with an easy on/off buckle. The adjustable insert grips to the rod so you can work with one hand. Available with buckle (specify) on the right or left side (RH101), or on both sides for the rehab setting (RH102). The holder will not work with pistol-grip rods.

Available from: Access To Recreation, Inc.
<http://www.AccessTR.com>



**Utility Knife
(Retractable)
UK03-0N2
US \$191.30 each**



The standard sized, retractable utility knife can be used to slice through materials, open boxes and score wallboard. The utility knife attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**3rd Grip Pole Holster
Right Side: GPH33R
US \$23.95 each**

The 3rd Grip Pole Holster can be used on the lower leg or waist or can be strapped to a wheelchair. Velcro attaches the upper and lower leg straps securely and comfortably around the lower leg for seated positions; it also comes with an adjustable waist strap for standing or wading. It holds extra tools and has lightweight tubing to hold up to 1-5/8 inches diameter fishing rods for fresh- or salt-water rods. Makes resting a rod easy and keeps extra tools at your side when you need them most. Very lightweight. Although the 3rd Grip Pole Holder now only comes in the Right Hand model, many of our customers are able to use that model on their left leg.

Available from: Access To Recreation, Inc.
<http://www.AccessTR.com>



**Clamp-It Hobby Vise
DL5161
US \$29.99 each**

Clamp-It is an adjustable clamping device that can be used to hold items in fixed positions. This useful tool can hold small tools, knitting needles, and crochet hooks. Clamp-It is mounted on four suction cups for extra stability. The clamp bar can be used vertically or horizontally with a maximum holding width of 1 inch.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>

To order, see pages 24–25

Tool Cradle and Passive Hook available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Tool Cradle and the Passive Hook Heavy Duty attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

**Golf Club Tool Locking
Shank Adapter
GCSA04-0N2
US \$80.83 each**

This adapter is made of 316 stainless steel tubing and attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**Tool Cradle
TC05-0N2
US \$145.44 each**

Originally designed to support rifles and shotguns, this tool cradle can be used to support most heavy or long tools. It is made of stainless steel tubing coated in Performix rubber.



**Passive Hook Heavy Duty
PH02-0N2
US \$325.00 each**

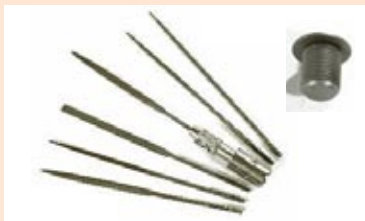
The Passive Hook Heavy Duty is designed to assist the upper extremity amputee to work out on exercise machines, but it is sturdy and can be used to lift most heavy items. The hook is made of plastic coated 1/2-inch 316 stainless steel bar.



**Golf Club Tool Locking Swivel
Shank Adapter
SGCSA04-0N2
US \$106.67 each**

This adapter is made of 316 stainless steel tubing and attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**Mini File Set
HFS08-0N2
US \$303.97 each**

The 7-piece file set is made of hardened carbon steel. Files are 3-1/2 inches long.



**Mini Hack Saw
MHS07-0N2
US \$97.33 each**

Mini File Set and Mini Hack Saw available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Mini File Set and the Craftsman Mini Hack Saw attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

To order, see pages 24–25

This accessory's unique design allows the stick to pivot under an adjustable tension, enabling the drummer to create drum rolls and other drumming techniques. This accessory requires a modification to the drum sticks to ensure proper function (drumsticks must be provided by customer). Weighs 5 ounces, 1/2-inch diameter, threaded, stainless stud fits all standard, body-powered prosthetic wrists. No cable required.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>



Musical Instruments:
Drum Stick Accessory
US \$250.00–\$500.00 each



Musical Instruments:
Guitar Accessory
US \$250.00–\$500.00 each

The guitar accessory readily accepts most picks (not included) and holds them in place with set screws. Highly adjustable, it allows for the pick to be held and locked at specific angles to suit prosthesis, guitar design and style of play. Left or right handed. Weighs 3 ounces, 1/2-inch diameter, threaded, stainless stud fits all standard, body-powered, mechanical, prosthetic wrists. No cable required.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>



Photography Amp-U-Pod
US \$150.00–\$300.00 each

The Amp-U-Pod is a simple but versatile prosthetic accessory for handling 35 mm format cameras and video cameras. Adapts to any camera equipped with a standard tripod mount receiver. Supports the camera on a angular arm equipped with a pivoting, lockable tripod mount to facilitate photograph-

ing at a variety of angles. Aids in film changing, focusing, and shuttering. Solid and reliable. The Amp-U-Pod fits directly into the prosthesis and replaces your standard terminal device. (2.5 ounces, 6 inches long) 1/2-inch threaded, stud fits all standard body-powered, mechanical prosthetic wrists.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>

This prosthetic accessory holds the violin bow firmly in place with two set screws. The bow can be locked into a variety of positions to optimize movement for smooth play. The accessory is designed to fit bows which are 7/16-inch in diameter at the gripping surface. 1/2-inch diameter, threaded, stainless stud fits all standard, body-powered, mechanical prosthetic wrists. No cable required.

Available from: TRS Inc.
<http://www.oandp.com/products/trs/>



Musical Instruments:
Violin Accessory
US \$250.00–\$500.00 each

To order, see pages 24–25

[Farming & Agriculture]



Aluminum Folding Saw,
see page 79



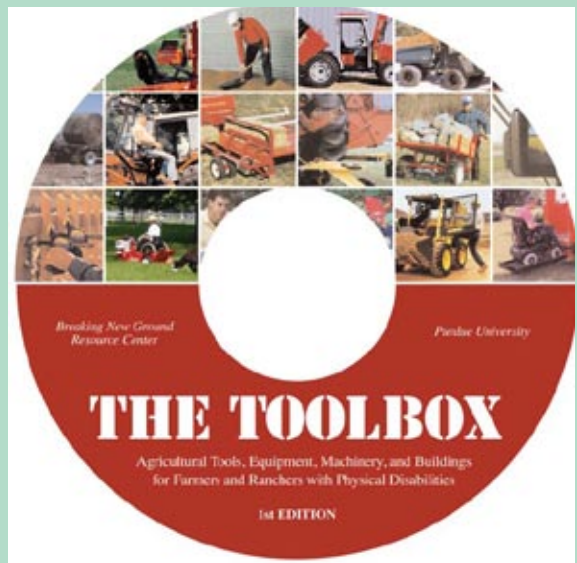
Tool Cradle,
see page 79



Exacto Knife,
see page 75



Clearing Axe, see page 75



The Toolbox CD, see page 78

To order, see pages 24–25

**Phillips Screwdriver Set
PSS04-0N2
US \$282.40 each**

The 3-piece carbon steel screwdriver set includes No. 1, 2 and 3 Phillips screwdrivers.



**Slotted Screwdriver Set
SSS04-0N2
US \$285.73 each**

These carbon steel Enderes® slotted screwdrivers are available in a 3-piece set. The set includes screwdrivers in the following sizes: No.1, No.2 and No.3.



**Screwdriver Sets available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

The Screwdriver Sets attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



**1/2-inch 20-thread
Tool Shank Adapter
HS01-0N2
US \$80.00 each, \$20.00 if replacing
the Standard N-Abler™ Shank**

This small adapter offers function at the least cost. It is welded to the various Texas Assistive Devices tools, and then threaded into the wrist unit of an arm prosthesis. However, not utilizing the Texas Assistive Devices N-Abler II Terminal Device (US \$1,909.15) and Hands Free Locking Shanks and Swivel, will restrict the amputee's flexibility and range of motion while using tools.

When ordering Texas Assistive Devices tools, please determine the thread size of the amputee's wrist unit. The 1/2-inch 20 NF (national fine) threaded wrist unit is the common size. Metric wrist unit inserts and the Wentworth 3/8-inch thread from Britain may also be encountered through the donation of prosthetic components.

\$20.00 has been added to the price of each Texas Assistive Device tool in the Adaptive Technology Catalog to factory weld the 1/2-inch 20-thread Tool Shank Adapter to the tool.

**Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

**Seed Stick
Planter
9028
US \$72.00 each**



Plant more seeds in less time with this planter, which transfers seeds from the

hopper to the desired planting depth with one motion. Three different seed-lifting bars are included for different size seeds. The planter works well with sunflowers, beans, corn, squash, pumpkins, cucumbers and midsized seed.

Available from:
Johnny's Selected Seeds
<http://www.johnnyseeds.com/catalog/product.aspx?scommand=search&search=9028&item=9028&source=MAIC>



**Steerable Rolling Seat
with Tool Tray
PS210
US \$74.50 each**

The comfortable metal tractor-style seat is adjustable from 17 inches to 20 inches high and swivels 360 degrees so the user can position his body comfortably while traveling, working in a garden, or working on an automobile. The rolling base, constructed of 1 inch

diameter powder-coated steel tubing, has four wide pneumatic tires that move easily through soil without sinking. It includes an under-seat poly tool tray and a rear storage basket to keep supplies and tools within reach. This rolling seat is also useful for low-to-the-ground chores such as washing cars and painting. Measures 31 inches long by 18 inches wide and weighs 35 pounds. Some assembly required.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

To order, see pages 24–25



Reachers Featherlite
Regular 26-inch
NC28521
US \$15.95 each
Long 32-inch
NC28522
US \$16.95 each

This tool is a useful solution for people who need an extended reach. Use one finger to pull the trigger on this lightweight Featherlite Reacher. The magnet on the jaw tip is useful for picking up small metal objects. This aluminum frame reacher is ideal for holding lightweight objects up to 3 inches wide and weighing up to 3 pounds.

Available from: Access To Recreation, Inc.
<http://www.AccessTR.com>



Hands Free
Tool Changing Station
RCH06-0N2
US \$697.75 each

The changing station allows an amputee to attach and unattach a tool easily from the Hands Free Locking or Swivel Shank. The base is 7-7/8 inches x 8-3/8 inches and the tool holders are 2 inches tall. The Hands Free Tool Changing Station can only be used with the Hands Free Shanks.

Hands Free
Locking
Shank



Hands Free
Locking
Swivel



Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Ergonomic Hand Tools
(left to right)
A. Garden Trowel: AD831
B. Bulb Trowel: AD832
C. Cultivator: AD833
D. Weeder: AD834
US \$13.50 each

Or set of Garden Trowel, Bulb Trowel, & Cultivator: AD835
US \$37.50 each

The handles of these tools are designed to let the strongest arm muscles do the work, while keeping the joints in natural positions. The handles are also larger in diameter (1-3/8 inches), making them easier to grip. The blades and tines are made from a strong aluminum-magnesium alloy, and all come with a lifetime warranty. These tools are useful for those who have little hand strength.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Fruit Picker
HK300
US \$12.50 each

This fruit picker attaches to a standard broom handle and allows you to pick fruit easily while standing on the ground. The rounded metal fingers and the cotton bag ensure that the fruit is picked without bruising. Ideal for apples, pears, peaches, plums, etc. 10 inches long with a 4-inch opening. Pole not included.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Retro Tool
RT01-0N2
US \$601.24 each

The Retro Tool is designed to allow others to use the tools customized for the amputee.

- Weight: 4-3/5 ounces
- Body Length: 4-1/8 inches
- Body Width: Tool Socket 1 inch, Body 1-3/8 inches

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24-25

**Exacto Knife
EK01-0N2
US \$97.33 each**



The 1-inch carbon steel exacto knife attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank.

When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

**Gardening Combo Hand Hoe
HH04-0N2
US \$95.80 each**

The carbon steel hand hoe is 6 inches long.

**Gardening Combo Hand Spade
GS01-0N2
US \$94.17 each**

The stainless steel hand spade is 6 inches.

**Gardening Combo Hand Cultivator
GC01-0N2
US \$94.17 each**

The hand cultivator is a 4-inch, stainless steel rake suitable for weeding and gardening.

All Gardening Combo Tools available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org>

The Gardening Combo Hand Tools attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank.

When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



**Clearing Axe
ED701
US \$44.50 each**

This clearing axe is designed specifically for cutting brush and small trees. The 7-inch replaceable blade has 5-1/2 inches exposed for cutting.

It cuts faster with less fatigue than an ordinary axe because it weighs 2 pounds, including the handle, and because its balance makes it ideal to use one handed. The blade is sturdy yet, at just over 1/16-inch thick, has minimal wedging action, allowing deep penetration. The blade can be sharpened. Replacement blades and handles are available.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



**Mushroom Grip
9037
US \$7.80 each**

This ergonomic tool allows increased comfort when using stirrup hoes for long periods. Push with the palm of your hand and retrieve with your

fingers. The mushroom shape permits gripping from many angles and can be used right- and left-handed. The grip is also useful on push brooms. Tools required for attachment to handle: saw, drill with 1/8-inch drill bit, wood glue, Phillips screwdriver.

Available from: Johnny's Selected Seeds
<http://www.johnnyseeds.com/catalog/product.aspx?scommand=search&search=9037&item=9037&source=MAIC>

To order, see pages 24–25



**Miscellaneous
Implement Holder
MIH05-0N2
US \$121.67 each**

Made of high-density polyethylene and 3/8-inch 316 stainless steel tubing, the implement holder grips small items such as pens, pencils and toothbrushes. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**E-Z Reacher Aluminum
NC285551
US \$29.95 each**

Flexible aluminum tongs with suction cups hold items securely. Ideal for either one- or two-handed use, the E-Z Reachers have round rubber cups that grasp items with a powerful, steady hold. Constructed of lightweight aluminum with a spring steel mechanism for heavy-duty use. The handle is comfortable to hold and has an easy-to-operate trigger. Grasps items weighing up to 2 pounds.

The jaws open to 3-1/2 inches wide.

Item NC285551 is a locking model that maintains a hold on items without constant trigger pressure, it has a reach of 30 inches.

Pull down the lever of the Locking E-Z Reacher to keep the jaws locked. Release the lock by fully retracting the trigger and lifting the lever up.

Available from: Access to Recreation, Inc.
<http://www.AccessTR.com/>

**Claw Hammer 7-ounce
CH05-0N2
US \$109.17 each**



The 7-ounce claw hammer is made of drop forged carbon steel.

**Rip Claw Hammer 10-ounce
RCH07-0N2
US \$129.87 each**



The 10-ounce is made of drop forged carbon steel.

**Ball Peen Hammer 4-ounce or 8-ounce
4-ounce: BPH03-0N2
US \$110.83 each
8-ounce: BPH02-0N2
US \$110.57 each**



**Hammers available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

The Claw Hammer, Rip Claw Hammer, and Ball Peen Hammers attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



**File Set
FS05-0N2
US \$352.57 each**



This Cooper Tools® by Nicholson 4-piece file set is made of hardened carbon steel. Files are 8 inches and attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25



**All-purpose
Quick Grip Adapter
APQGA01-0N2
US \$106.94 each**

This adapter, manufactured by Vice Grip® is made of high-density polyethylene and steel bar. It includes a 1-inch opening.



**Ratchet Set
RWS04-0N2
US \$396.37 each**

This set includes 3 chrome ratchets: 1/4-inch, 3/8-inch, & 1/2-inch drives.



**Nail Holder
NH03-0N2
US \$123.12 each**

This nail holder helps you grip nails before driving them in place.



**Nail Set
NSRL01-0N2
US \$89.17 each**

The hardened carbon steel 1/32-inch tip nail set can help you drive nails below or even with a surface.



**Center Punch
CP01-0N2
US \$90.67 each**

This 7/16-inch center punch is made of heat treated carbon steel.



**Hack Saw
HS06-0N2
US \$104.13 each**



**Coping Saw
CS04-0N2
US \$110.83 each**

The coping saw is 8 inches.

**Hack Saw and Coping Saw available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

The Craftsman Hack Saw and the Coping Saw attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

**Locking Grip Pliers Set
LGPS04-0N2
US \$322.63 each**

Manufactured by Vice Grip® this set of pliers includes a 5-inch curve jaw, 6-inch needle nose, and a 7-inch curve jaw.



**All tools available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

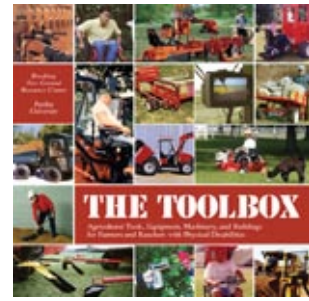
The All-purpose Quick Grip Adapter, Ratchet Set, Nail Holder, Nail Set, Center Punch and Locking Grip Pliers Set attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

To order, see pages 24–25

Conducting Agricultural Worksite Assessments Manual: US \$30.00 each

Electronic version: US \$75.00 each

Manual & Electronic versions:
US \$100.00 each



The Toolbox (printed version) US \$80.00 each

Agricultural Tools, Equipment, Machinery, and Buildings for Farmers and Ranchers with Disabilities includes more than 500 ideas

for working with a disability. *The Toolbox* contains descriptions, methods of operation, contact information and photos. It also includes case studies, resource lists, and *The Toolbox* CD.

Developed by the Breaking New Ground Resource Center at Purdue University, *Conducting Agricultural Worksite Assessments* is a guide for rural rehabilitation professionals making worksite assessments for farmers and ranchers with disabilities.

This tool covers a wide range of topics related to worksite assessments, including identification of potential clients, preparing for assessments, and client confidentiality issues. The core of the resource, a reproducible version of the Agricultural Worksite Assessment Tool, assists in making accurate assessments of work environments through the use of **14 assessment areas:**

- Personal Data
- General Farm/Ranch Data
- Overall Farm/Ranch Accessibility
- General Farm/Ranch Maintenance
- Equipment and Machinery
 - Crop Production
 - Livestock Production

Also included are examples of completed worksite assessments and a list of related resources. The Agricultural Worksite Assessment Tool for Farmers and Ranchers with Disabilities is now also available in an electronic version. A database in Microsoft Access, the electronic version of the Assessment Tool provides all the forms of the printed version of the Tool in electronic form.

Includes printable reports and has the capacity for data queries.

- Domestic Farm/Ranch Animals
 - Orchards/Woodlots/Gardens
- Farm Management Activities
 - Additional Vocational Skills
 - Establishing Primary Goals
- Additional Comments/Observations
- Farm/Ranch Layout Conducting

PLEASE NOTE: As of 1/1/05, shipping costs will be added to the price of your order. Prepaid orders will be sent an invoice for shipping costs.

Available from:

Breaking New Ground Resource Center, Purdue University
<http://tinyurl.com/2dsrpa>

The Toolbox CD US \$25.00 each

Based on the print version of *The Toolbox*, this CD contains up-

dated product descriptions, photos and contact information, plus video clips, new product fact sheets, the Barn Builders Peer Support Network Directory and other resources. Fact sheets are linked for easy navigation.

The Toolbox available from:

Breaking New Ground Resource Center, Purdue University
<http://tinyurl.com/2dsrpa>

Utility Knife (Retractable) UK03-0N2 US \$191.30 each



The standard sized, retractable utility knife can be used to slice through materials, open boxes and score wallboard. The tool attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25

The rope ratchet is simple to operate and easy to draw tight: attach the two hooks and pull the rope until tight.

The ratcheting mechanism keeps the tension on the rope and the thumb-controlled quick-release lever can be used with one hand. The ratcheting mechanism is made from strong glass-filled nylon and die-cast zinc.

The 1/4-inch rope has a maximum load capacity of 150 pounds, and the 3/8-inch rope has a maximum load capacity of 250 pounds. 8 feet of rope is included with each.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Rope Ratchet 1/4-inch XH515

US \$9.50 each

Rope Ratchet 3/8-inch XH517

US \$13.95 each



Aluminum Folding Saw EC670
US \$23.50 each

This folding pruner includes a built-in socket that accepts any universal-thread extension pole, allowing the saw to be used on high branches. The sharp 9-inch blade provides a quick and clean cut through branches up to 4 inches thick. It locks automatically when extended or closed. Lightweight and easy to use one-handed. Folded for storage or transport, the saw measures a compact 12-1/2 inches and is 20-3/4 inches long overall. The handle is made of aluminum and plastic. Extension pole not included. Replacement blade is available.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



Tool Cradle TC05-0N2
US \$145.44 each

Originally designed to support rifles and shotguns, this tool cradle can be used to support most heavy or long tools. It is made of stainless steel tubing coated in Performix rubber.



Driving Ring 56394
US \$267.00 each

The Hosmer® Driving Ring attaches quickly and easily to automobile steering wheels, boat tillers and aircraft controls.

Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>



Passive Hook Heavy Duty PH02-0N2
US \$325.00 each

The Passive Hook Heavy Duty is designed to assist the upper extremity amputee to work out on exercise machines, but it is sturdy and can be used to lift most heavy items. The hook is made of plastic coated 1/2-inch 316 stainless steel bar.

Tool Cradle and Passive Hook Heavy Duty available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Tool Cradle and Passive Hook Heavy Duty attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



Peddle Master System PMS98
US \$365.00 each

The Peddle Master System helps users



who wish to drive but do not have hand controls in their vehicles. It can be used with most vehicles with automatic transmissions and power brakes. The Peddle Master is portable and can be installed and removed quickly without tools. The System includes a carrying case.

Available from: Access to Recreation, Inc.
<http://www.AccessTR.com/>

To order, see pages 24-25



Arthwriter® Holder (for Weak Grasp)
DL5311
US \$8.99 each

Designed for users with arthritis. The Arthwriter® can accommodate any long object up to 3/4-inch in diameter including writing instruments, small tools, knitting needles, hobby brushes, grooming aids or toothbrush. It can be used with your left or right hand, depending on hand impairment. Weighs 2 ounces.

Available from: Dynamic Living, Inc.
<http://www.dynamic-living.com/>

Model 555 Hook, Aluminum
Left: 55059 Right: 55060
US \$336.12 each



The aluminum Model 555 Hook has lyre fingers and is lined with nitrile rubber. It is 5-1/4 inches long and weighs 4 ounces.

Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

Model 555 Hook, Stainless Steel
Left: 55062 Right: 55063
US \$365.09 each



The stainless steel Model 555 Hook has lyre fingers and is lined with nitrile rubber. It is 5-1/4 inches long and weighs 8-1/2 ounces.

Available from:
Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>



Model 3 Work Hook, Left & Right
Left: 55000 Right: 55001
US \$570.00 each

The stainless steel Model 3 Work Hook has serrated holding surfaces and a bucket hook and nail holder. It is used for holding tools and doing heavy duty work. The hook is 4-5/8 inches long and weighs 10 ounces.

Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>



Model 6 Work Hook, Left & Right
Left: 55015 Right: 55016
US \$984.59 each

The Model 6 Work Hook is made of stainless steel and has serrated holding surfaces and a backlock feature. It is used for holding tools and doing heavy duty work. The hook is 5-1/2 inches long. It weighs 14 ounces.

Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>



Model 7 Work Hook, Left & Right
Left: 55021 Right: 55022
US \$324.00 each

The stainless steel Model 7 Work Hook has serrated holding surfaces and bucket hook, nail, and chisel holders. It is used for holding tools and doing heavy duty work. The hook is 4-7/8 inches long. It weighs 10-1/2 ounces.

Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>



Model 7 LO Work Hook, Left & Right
Left: 55024 Right: 55025
US \$532.66 each

The Model 7 LO Work Hook is made of stainless steel and has serrated holding surfaces. This hook has a knife, pail, and nail holder. It is used for holding tools and doing heavy duty work. The hook has a 1-3/8 inches finger opening and is 5 inches long. It weighs 11 ounces.

Available from: Hosmer Dorrance (a Fillauer Company)
<http://www.hosmer.com>

To order, see pages 24–25

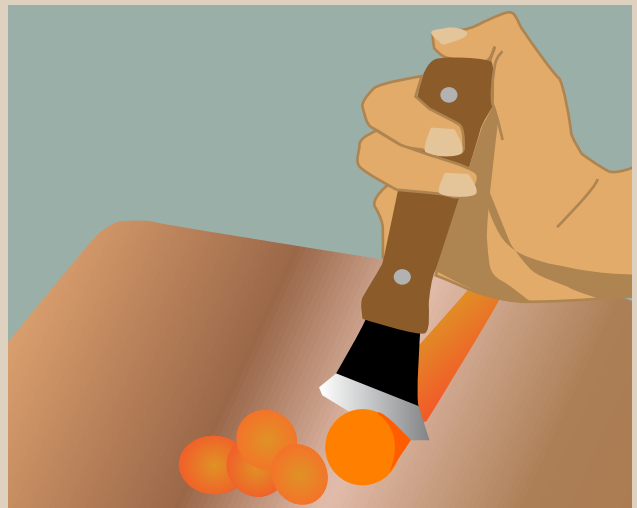
[Kitchen & Restaurant]



**Bread Knife 8-inch,
Cheese Grater,
Skimmer and
Potato Masher,
see pages 87–88**



**Stixx SuctionWare
Cutting Board, see page 86**



Maddox Knife, see page 84

To order, see pages 24–25



**Locking Swivel
Twistable Fork
LSTF01-0N2
US \$126.17 each**

This high definition stainless steel fork twists and locks into place.



**Locking Swivel
Twistable Pizza Fork
LSTPF04-0N2
US \$130.80 each**

The pizza fork is made of stainless steel. Its unique design includes a 1-3/4 inch pizza slicer in the shaft of the fork.



**Locking Swivel
Twistable Spork
LSTS03-0N2
US \$130.80 each**

Made of stainless steel, this combination spoon and fork twists and locks into place.



**Locking Swivel
Twistable Tablespoon
LSTTS02-0N2
US \$126.17 each**

This high definition stainless steel tablespoon twists and locks into place.



**Locking Swivel
Twistable Spoon
LSTS04-0N2
US \$126.17 each**

This high definition stainless steel spoon twists and locks into place.

**Locking Swivel utensils available from:
Texas Assistive Devices, L.L.C.**

<http://www.n-abler.org/>

The Locking Swivel Twistable Fork, Twistable Pizza Fork, Twistable Spork, Twistable Tablespoon and Twistable Spoon attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



**1/2-inch 20-thread
Tool Shank Adapter
HS01-0N2
US \$80.00 each,
\$20.00 if replacing the
Standard N-Abler™ Shank**

This small adapter offers function at the least cost. It is welded to the various Texas Assistive Devices tools, and then threaded into the wrist unit of an arm prosthesis. However, not utilizing the Texas Assistive Devices N-Abler II Terminal Device (US \$1,909.15) and Hands Free Locking Shanks and Swivel, will restrict the amputee's flexibility and range of motion while using tools.

When ordering Texas Assistive Devices tools, please determine the thread size of the amputee's wrist unit. The 1/2-inch 20 NF (national fine) threaded wrist unit is the common size. Metric wrist unit inserts and the Wentworth 3/8-inch thread from Britain may also be encountered through the donation of prosthetic components.

\$20.00 has been added to the price of each Texas Assistive Device tool in the Adaptive Technology Catalog to factory weld the 1/2-inch 20-thread Tool Shank Adapter to the tool.

**Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>**

To order, see pages 24–25

The Retro Tool is designed to allow others to use the tools customized for the amputee.

- Weight: 4-3/5 ounces
- Body Length: 4-1/8 inches
- Body Width: Tool Socket 1 inch, Body 1-3/8 inches



Retro Tool
RT01-0N2
US \$601.24 each

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

Food Preparation
Center and Plate
DL3350
US \$34.99 each



The EZ Dine can be used as both a preparation board as well as a non-slip dinner plate that is useful for single-handed individuals. It measures 12 inches by 8 inches and has non-skid feet that prevent the plate from moving. It includes a food stop to help pick up food and 6 stainless steel food prongs hold meat, fruits, and vegetables in place, making them easier to cut.

Available from Dynamic Living, Inc.
<http://www.dynamic-living.com/>

Pizza Cutter
PC07-0N2
US \$117.50 each



The pizza cutter includes a 4-inch wheel to slice through pizza and other thin breads and food items. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24-25



Stixx SuctionWare™
Mixing Bowl
DL3030
US \$29.99 each

These mixing bowls are held in place securely so they will not slip while you stir. The suction base keeps the bowl where you want it at an angle that works best for you. The suction base has two levers. One lever creates the suction that attaches the base to your table or countertop. The other secures the mixing bowl to the base. The set includes a 3 quart bowl and a 5 quart bowl. The inside of both bowls are marked in quarts and cups to help you measure your ingredients. The set also comes with a non-slip silicone ring that will hold a bowl when the base is not in use.

Available from:
Dynamic Living, Inc.
<http://www.dynamic-living.com/>



**Maddox Knife
DS84
US \$34.95 each**

An extremely sharp tool, this one-handed, stainless steel knife comes with a Quick Release Safety Sheath. It is useful for both one-handed users and those with limited gripping ability. The 6-1/4 inch knife uses downward pressure and minimal rocking motion to slice through meats, fruits and vegetables.

Available from: Access To Recreation, Inc.
<http://www.AccessTR.com/>



**Non-Slip
Mixing Bowl
DL32249
US \$13.99 each**

This durable, white Melamine mixing bowl sits on a stand, which has non-skid rubber bumpers.

The user can position the bowl at any angle while the stand keeps the bowl in place. This bowl is particularly helpful for individuals with the use of only one hand. The Non-Slip Mixing Bowl has a 3-1/2 quarts capacity. It also has a sturdy oversized rim that makes it easy to grip and pour from any edge.

Available from Dynamic Living, Inc.
<http://www.dynamic-living.com/>

**Kitchen Spoon
KS16-0N2
US \$117.50 each**

The kitchen spoon is made of high gloss 18/8 stainless steel. It is 3 inches x 1-3/4 inches.



**Ladle Spoon
LS14-0N2
US \$117.50 each**

The ladle spoon is made of high gloss 18/8 stainless steel. It is 2-1/4 inches wide and 1 inch deep.



**Kitchen Spoon and Ladle Spoon available from:
Texas Assistive Devices, L.L.C.**
<http://www.n-abler.org/>

The Kitchen Spoon and Ladle Spoon attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

**Pot Fork
PF09-0N2
US \$168.33 each**

The long, stainless steel pot fork has two 6-inch curved tines.



**Carving Fork
CF08-0N2
US \$164.17 each**

The 6-inch carving fork is stainless steel with two straight tines.

**Pot Fork and Carving Fork available from:
Texas Assistive Devices, L.L.C.**
<http://www.n-abler.org/>

The Pot Fork and Carving Fork attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



To order, see pages 24–25



Sharpening Steel
8SS01-0N2
US \$110.83 each

Made of high-carbon stainless steel, this 8-inch steel can be used to sharpen knives, scissors and other blades. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Slotted Spoon
SS17-0N2
US \$117.50 each

The 3 inches x 1-3/4 inches stainless steel slotted spoon can be used for stirring and serving food items.



Dining Knife
DK03-0N2
US \$100.37 each

This high-carbon stainless steel dining knife has a 6-inch blade.

Slotted Spoon and Dining Knife available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Slotted Spoon and Dining Knife attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



The high-carbon stainless steel chef knife has a full tang handle (blade goes all the way through the handle).

The 7-inch high-carbon stainless steel chef knife has a Santoko Granton Edge and a full tang handle (blade goes all the way through the handle).

Chef Knives available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Chef Knives attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Chef Knife 6 inch
6CK08-0N2
US \$204.17 each

Chef Knife 7 inch
7SGECK09-0N2
US \$224.17 each

Chef Knife 8 inch
8CK02-0N2
US \$224.17 each

Chef Knife 10 inch
10CK03-0N2
US \$252.50 each



To order, see pages 24–25

**Stixx SuctionWare™ Cutting Board
DL3031
US \$39.99 each**

This cutting board is designed to stick to flat, non-textured surfaces. To attach the cutting board, slide the lever on the board's suction base to the right. Once the cutting board is attached to the desired surface, you can work with only one hand. After releasing the suction, you can lift the board so scraps and drippings can be dumped easily into the garbage.

Details:

- 12 inches x 17 inches with a 10-inch x 15-inch cutting area
- Drippings groove along perimeter
 - Two rubber handles
 - Weight: 5 pounds

Available from Dynamic Living, Inc.
<http://www.dynamic-living.com/>



**Steak Knife
SK03-0N2
US \$104.97 each**



Slice through hard-to-cut meats with the 6-inch stainless steel steak knife. The knife attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

**Paring Knife
3-1/2 inch
3PK06-0N2
US \$146.67 each**



**Paring Knife
4-inch
4PK07-0N2
US \$152.17 each**



These high-carbon stainless steel paring knives have blades with a full tang handle (blade goes all the way through the handle). It can be used to slice fruits and vegetables. The paring knife attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



**Pie Server
PS11-0N2
US \$97.93 each**

The slotted pie server is 4 inches x 2-1/2 inches and made of stainless steel. It can be used to lift and serve food items. The pie server attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

To order, see pages 24–25



Boning Knife 3-inch
3BK09-0N2
US \$102.50 each

This high-carbon stainless steel boning knife is 3 inches long.

Knives available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Boning Knives and Bread Knife attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



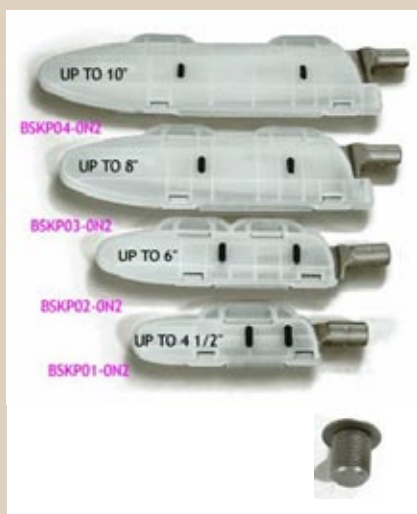
Boning Knife 6-inch
6BK05-0N2
US \$169.33 each

This high-carbon stainless steel boning knife is 6 inches long with a full tang.



Bread Knife 8-inch
8BK04-0N2
US \$205.00 each

This high-carbon stainless steel bread knife is 8 inches long with a full tang handle (blade goes all the way through the handle).



BLADESafe
Knife Protector
Up to 10-inch blades
BSKP04-0N2
US \$6.33 each
Up to 8-inch blades
BSKP03-0N2
US \$5.17 each
Up to 6-inch blades
BSKP02-0N2
US \$3.83 each
Up to 4-1/2 inch blades
BSKP01-0N2
US \$2.50 each

Made of high-density polyethylene, these sheaths simply slide over the blade to protect blades up to the length specified.

Available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Cheese Grater
CG02-0N2
US \$104.17 each

Made of stainless steel, this cheese grater has a 2-inch x 5-inch grating surface.



Brisket Slicer 12-inch
12BS10-0N2
US \$237.29 each

This high-carbon stainless steel brisket slicer is 12 inches long.



Cheese Slicer
CS03-0N2
US \$100.83 each

The stainless steel cheese slicer is 1-7/8 inches long.

Tools available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Cheese Grater, Cheese Slicer and Brisket Slicer attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

To order, see pages 24–25

**Apple Peeler
EV120
US \$26.50 each**

This hand-cranked device will peel, core and slice an apple quickly. It comes with a vacuum base for a solid grip on smooth surfaces. The blades are adjustable for optimum cut. Rugged, all-metal construction.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>



**European
Tomato Press
EV101
US \$29.50 each**



This European press can process tomatoes

for juice or paste. Scald the tomatoes and put them in the hopper. As you turn the handle, the juice and soft pulp are separated from the skins and seeds. The durable plastic-bodied press has a stainless-steel wire mesh and a vacuum base for secure use on any smooth surface. About 11-1/2 inches high. The hopper is about 7 inches x 8 inches x 8 inches deep.

Available from: Lee Valley Tools Ltd.
<http://www.leevalley.com>

**Skimmer
SK04-0N2
US \$120.83 each**



The 6-inch stainless steel skimmer can be used for stirring and serving sauces, soups, stews and other dishes.

**Potato Masher
PM10-0N2
US \$97.47 each**



This aid can be used to mash vegetables and other food items. The tool has a 3-1/2 inch x 3-inch mashing surface and is made of stainless steel.



**Melon Baller
MB05-0N2
US \$98.87 each**

The 1-inch stainless steel melon baller can be used to scoop fruits or make garnishes. The device attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

**Skimmer and Potato Masher available from:
Texas Assistive Devices, L.L.C.**
<http://www.n-abler.org/>

The Skimmer and Potato Masher attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

To order, see pages 24–25



Reachers Featherlite Regular
26-inch NC28521
US \$15.95 each

Reachers Featherlite Long
32-inch NC28522
US \$16.95 each

This tool is a useful solution for people who need an extended reach.

Use one finger to pull the trigger on this lightweight, Featherlite Reacher.

The magnet on the jaw tip is useful for picking up small metal objects.

This aluminum-frame reacher is ideal for holding lightweight objects up to 3 inches wide and weighing up to 3 pounds.

Available from: Access To Recreation, Inc.

<http://www.AccessTR.com>



Offset Spatula
OS15-0N2
US \$161.17 each

The 10-inch offset spatula can be used to move and turn food items. It can also be used to apply spreads and frostings.



Burger Turner
T13-0N2
US \$121.17 each

Perforated and made of high-carbon stainless steel, this burger turner is 3 inches x 8 inches long.



Miscellaneous Implement Holder
MIH05-0N2
US \$121.67 each

Made of high-density polyethylene and 3/8-inch 316 stainless steel tubing, the implement holder grips small items such as pens, pencils and toothbrushes.

Tools available from:
Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>

The Offset Spatula, Burger Turner and Miscellaneous Implement Holder attach to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.



Clamp-It Hobby Vise
DL5161
US \$29.99 each

Clamp-It is an adjustable clamping device that can be used to hold items in fixed positions. This useful tool can hold small implements, knitting needles, and crochet hooks. Clamp-

It is mounted on four suction cups for extra stability. The clamp bar can be used vertically or horizontally with a maximum holding width of 1 inch.

Available from: Dynamic Living, Inc.

<http://www.dynamic-living.com/>



Hands Free Tool Changing Station
RCH06-0N2
US \$697.75 each

The Changing Station allows an amputee to attach and unattach a tool easily from the Hands Free Locking or Swivel Shank. The base is 7-7/8 inches x 8-3/8 inches and the tool holders are 2 inches tall. The Hands Free Tool Changing Station can only be used with the Hands Free Shanks.

Hands Free Locking Shank



Hands Free Locking Swivel

Available from: Texas Assistive Devices, L.L.C.

<http://www.n-abler.org/>

To order, see pages 24-25



E-Z Reacher Aluminum
NC285551
US \$29.95 each

Flexible aluminum tongs with suction cups hold items securely. Ideal for either one- or two-handed use, the E-Z Reachers have round rubber cups that grasp items with a powerful, steady hold. Constructed of lightweight aluminum with a spring steel mechanism for heavy-duty use. The handle is comfortable to hold and has an easy-to-operate trigger. Grasps items weighing up to 2 pounds.

The jaws open to 3-1/2 inches wide.

This is a locking model that maintains a hold on items without constant trigger pressure. It has a reach of 30 inches.

Pull down the lever of the Locking E-Z Reacher to keep the jaws locked. Release the lock by fully retracting the trigger and lifting the lever up.

Available from: Access to Recreation, Inc.
<http://www.AccessTR.com/>



Utility Knife (Retractable)
UK03-0N2
US \$191.30 each

The standard sized, retractable utility knife can be used to slice through materials, open boxes and score wallboard. It attaches to a prosthesis using the 1/2-inch 20-thread Tool Shank Adapter or a Standard N-Abler™ shank. When ordering Texas Assistive Devices tools, please specify the 1/2-inch 20-thread Tool Shank Adapter for patients using a NF (national fine) threaded wrist unit, or alternatively metric, or Wentworth 3/8-inch thread for patients using these wrist units.

Available from: Texas Assistive Devices, L.L.C.
<http://www.n-abler.org/>



Arthwriter® Holder
(for Weak Grasp)
DL5311
US \$8.99 each

Designed for users with arthritis. The Arthwriter® can accommodate any long object up to 3/4-inch in diameter including writing instruments, small tools, knitting needles, hobby brushes, grooming aids or toothbrush. It can be used with your left or right hand, depending on hand impairment. Weighs 2 ounces.

Available from Dynamic Living, Inc.
<http://www.dynamic-living.com/>



Mushroom Grip
9037
US \$7.80 each

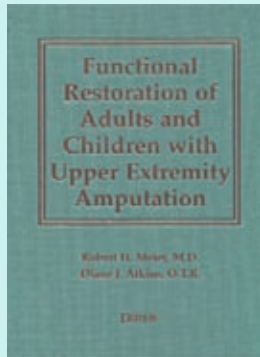
This ergonomic tool allows increased comfort when using a push broom for long periods. Push with the palm of your

hand and retrieve with your fingers. The mushroom shape permits gripping from many angles and can be used right- and left-handed. The grip is also useful on gardening hoes. Tools required for attachment to handle: saw, drill with 1/8-inch drill bit, wood glue, Phillips screwdriver.

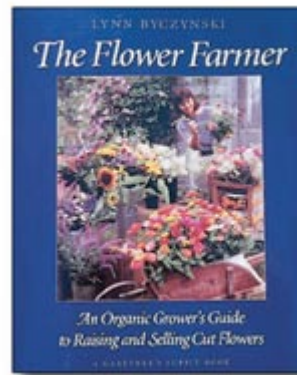
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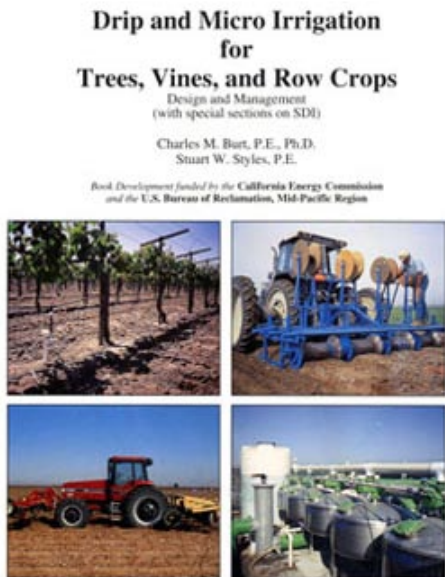
[Reference]



Functional Restoration of Adults and Children with Upper Extremity Amputation, see page 92



The Flower Farmer, see page 95



Drip and Micro Irrigation for Trees, Vines, and Row Crops, see page 98



Small Engine Care & Repair, see page 94

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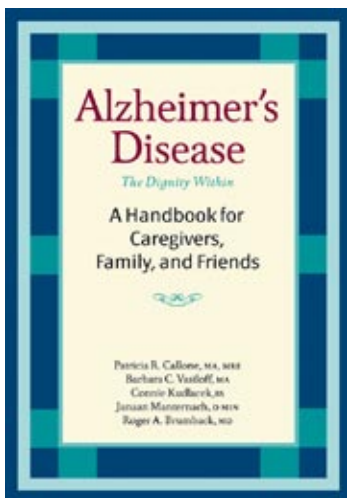
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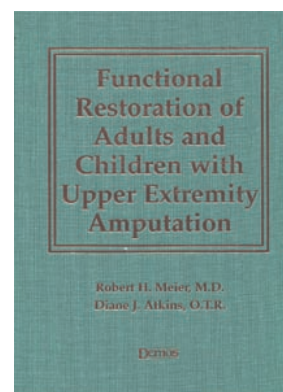
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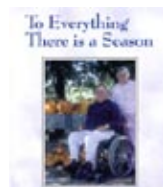
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